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Overland Park, Kansas 66202
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MEMORANDUM

TO: Paul Doherty, EPA/PO

FROM: Scott Hayes, E & E/STM

THRU: Hieu Q. Vu, P.E., CHMM, E & E/START PM

DATE: September 30, 1996

SUBJECT: Emergency Fund-Lead Removal: Chemco Site, Topeka, Kansas
TDD: S07-9606-015
PAN: 0198CHRAXX
EPA/OSC: Jim Kudlinski

INTRODUCTION

The Ecology and Environment, Inc. (E & E), Superfund Technical Assessment and Response Team (START) was tasked by the U.S. Environmental Protection Agency (EPA) Emergency Response and Removal (ER&R) program, under Technical Direction Document (TDD) S07-9606-015, to provide technical assistance during emergency removal activities at the Chemco site in Topeka, Kansas. Specifically, START was tasked to assist with field screening, sample collection, coordination of waste consolidation, and site documentation. START member (STM) Scott Hayes was assigned as the START project manager. On-Scene Coordinator (OSC) Jim Kudlinski was assigned as the EPA site manager.

BACKGROUND

Site Location

The Chemco site is located at Forbes Field in Topeka, Kansas (Attachment 1: Figure 1). The site is located in the SE 1/4, Section 6, T13S, R16E. The site is on the west side of the 200 block of K Street, approximately three blocks east of building 704, which is the main office of the Division of Environment of Kansas Department of Health and Environment (KDHE).

Site History

The building is leased by the Metropolitan Topeka Airport Authority (MTAA) to Million Air (owned by Robert and Wanda Zibel), which subleases to Ken Halbert, who is the sole owner of Chemco and 70-percent owner of Challenger Products. Both Chemco and Challenger Products are located in the building. Challenger Products formulates and sells Bio-Sure, a septic tank cleaner. Chemco owned all of the chemicals that were located in the building and not used for the production of Bio-Sure. Halbert completed an asset purchase agreement and took possession of the chemical inventory in 1986 with the intent to resell the chemicals

for profit (as Chemco). Subsequent to buying the chemicals, he was unable to sell any significant amount of the inventory (Reference 1).

Previous Investigations

KDHE requested EPA's assistance in November 1990 with assessing the Challenger Products Company for possible Resource Conservation and Recovery Act (RCRA) violations. Challenger had been under investigation by the city of Topeka's Fire Prevention Bureau for 2 years. Challenger had been cited for numerous fire code violations and the storage of incompatible chemicals. At the time of the 1990 investigation, Challenger had filed Chapter 11 bankruptcy and was moving its operations from 3500 East Seward Street in Topeka, to Forbes Field. On November 29, 1990, the EPA and E & E's former Technical Assistance Team (TAT) met KDHE officials at the Seward Street location to document and assess the condition of chemical products/wastes at the facility. Previous to the START, the TAT was the technical assistance contract to the EPA. Although numerous empty chemical containers were located throughout the building, no large quantities of chemicals were observed. The EPA informed KDHE that EPA involvement was not warranted at that time (Reference 2).

KDHE again requested EPA's assistance in June 1995. The EPA was requested to determine whether conditions at the Chemco facility (at Forbes Field) posed a threat of a release and, therefore, a potential for a Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) response. From November 27 to 29, 1996, the EPA and the TAT inventoried all chemical containers that were part of Chemco's operation. A total of 2,454 containers was inventoried and entered into a database. The containers ranged in size from 1 ounce to 55 gallons. Seven percent of the containers were characterized as deteriorating or already leaking (Reference 1).

The EPA then entered into negotiations with Ken Halbert to have the chemicals not being used for the production Bio-Sure properly cleaned up and disposed. Halbert was given until June 21, 1996, to hire a qualified hazardous waste cleanup company, in order to demonstrate his intent to comply with the EPA's mandate. On June 11, 1996, the EPA and the START responded to the Williams' Farm site near Keene, Kansas. The U.S. Bureau of Alcohol Tobacco and Firearms (ATF) was serving a search warrant on that property for the alleged production and distribution of explosives. The resident of the property was Jon B. Williams. Previously, Halbert had presented Williams to the EPA as his contractor to clean up the chemicals at the Chemco facility. The EPA had determined Williams was not qualified. During ATF's investigation, it was alleged that Williams was removing chemicals from the Chemco facility for disposal or use in the production of explosives. Therefore, when Halbert had not demonstrated an intent to clean up the chemicals at Chemco by June 21, 1996, the EPA determined an emergency removal was necessary.

REMOVAL ACTIVITIES

Mobilization/Access

The EPA and the START mobilized to the site on June 24, 1996. The START remained outside the facility, while OSC Jim Kudlinski and EPA Counsel Eileen Munk negotiated access to the site with Halbert. Jon Williams was present throughout the negotiations. Also present were members of the ATF, MTAA, and the Shawnee County Sheriff's Department. Law enforcement officials were present because of Williams' alleged activities with explosives and the presence of firearms in Williams' vehicle, which parked beside the building. The EPA acquired 24-hour and 7-days-per-week access to the facility. All

Chemco/Challenger Products employees were required to vacate the premises until the completion of removal activities. Halbert was given until 1330 hours to remove all supplies needed for the production of Bio-Sure from the building. He then had until 1730 hours to remove those supplies completely from the premises. Halbert and his employees, including Jon Williams, were not allowed to remove any chemicals associated with Chemco and/or not required for the production of Bio-Sure. EPA and START personnel were present during the evacuation to observe that none of those chemicals was taken.

The EPA, ATF, Sheriff's Department, and START conducted a walk-through of the facility with Jon Williams. OSC Kudlinski asked questions of Williams concerning the presence of explosives and explosive materials, and concerning alteration of the chemical inventory at the facility since EPA's investigation in November of 1995. STM Hayes recorded Williams' responses to questioning in START's site activities logbook. After Halbert had vacated the building, the START photographed the portions of the facility that did not contain chemicals that were the subject of the removal. This was done to document the facility's condition prior to the removal.

The START departed the site at 1610 hours. No further site activities, involving the START, were planned for the day. The Emergency Response and Cleanup Services (ERCS) contractor was still mobilizing to the site. Kudlinski and other EPA officials remained at the site to observe that all the equipment necessary for Bio-Sure's production was removed from the premises. At 2020 hours, Kudlinski contacted Hayes and informed him that removal activities would temporarily be suspended due to the earlier discovery of a potential explosive device. Apparently, Williams had returned to the facility and walked through it with EPA Criminal Investigation Division (CID) personnel. At that time, a device resembling a pipe bomb was discovered by the EPA where no such device had been observed earlier in the day. The Topeka Bomb Squad was notified. The Bomb Squad responded, removed the device from the building, and detonated it.

The EPA conducted meetings on the morning of June 25, 1996, and decided to proceed as planned with removal activities. The EPA and START remobilized to the site at 1200 hours on June 25, 1996. All doors to the facility were opened to allow adequate ventilation. STM Hayes screened the facility's ambient air utilizing three instruments: a Foxboro TVA-1000 total vapor analyzer (TVA), an SE International Radiation Alert Monitor 4 (rad-mini), and an MSA Model 261 Explosimeter. None of the instruments registered any readings exceeding its respective background level. OSCs Kudlinski and Mark Thomas, and STM Hayes searched the entire premises for additional potential explosive devices. None was found. At 1610 hours, the ERCS response manager (RM) Ken Braig and three other ERCS personnel (a chemist and two laborers) arrived at the site. ERCS was briefed on the site and all parties discussed how removal activities would proceed. Full-scale removal activities began on June 26, 1996.

Daily Activities

Due to the alleged activities of Jon Williams and the discovery of a potential explosive device, several precautions were taken at the site. Twenty-four-hour security was arranged for the site. A security guard was present on the perimeter of the site at all times. At the end of each day, all entrances to the facility were locked. Tape was placed across each door inside the building (except for the last door closed). In the event that an unauthorized entry was made to the facility, the tape would tear. Upon arriving at the site each day, the OSC and STM would enter the facility and check all entrances for signs of entry. The facility and EPA's mobile command post were also thoroughly searched for potential explosive devices and/or signs of tampering.

All entrances were opened upon arrival each day and the facility was allowed to ventilate. Subsequently, the START conducted ambient air monitoring of the interior of the facility utilizing the TVA. The existing bermed area inside the building indicated readings approximately 2 to 3 parts per million (ppm) above background levels each day; however, no removal activities were conducted in this area, once bulk wastes had been removed from there. Empty containers were placed in this area after their contents were consolidated into waste streams. The TVA readings observed were likely the result of residual volatile organic compound (VOC) vapors from the empty containers that were placed there. No other areas of the facility yielded readings that exceeded 1 ppm greater than background during removal activities.

Waste Characterization and Consolidation

Wastes and chemicals at the Chemco site were divided into two categories: bulk wastes and laboratory chemicals. These categories were addressed separately during the removal. Bulk wastes, consisting mainly of materials in containers larger than 1 gallon, were consolidated into waste streams for bulk disposal. Laboratory chemicals, consisting mainly of materials in containers smaller than 1 gallon and not characteristic of one of the waste streams, were laboratory-packed for shipping and disposal.

- Bulk Wastes

The OSC and START directed the segregation of bulk wastes based on matrices (liquids and solids). Within these two categories, the wastes were further divided based on label information and field screening results (pH, oxidizer test, TVA head-space analysis). Segregation began with the liquid wastes, which were located primarily in the outside containment area and the inside bermed area in the southern part of the facility (see Attachment 1: Figure 2). Bulk liquids were placed in one of five waste streams (#9 through #13, Table 1) and were immediately consolidated into 55-gallon drums or overpacked into 85-gallon drums by the ERCS. After the materials were removed from each container, an "MT" was spray-painted on it to indicate it was empty. The containers were then placed in their original area. Approximately thirty-eight 55-gallon drums and 75 to 100 smaller containers (1- to 30-gallon) of liquids were consolidated or overpacked into 14 drums of liquid materials, as described in Table 1. Consolidation of bulk liquids was completed on June 27, 1996.

Bulk solids were segregated and consolidated in the same manner as the liquids. Bulk solids were completely consolidated into eight waste streams consisting of seventeen 55-gallon drums by July 1, 1996 (Table 1).

It should be noted that during the consolidation of bulk solid wastes on June 29, 1996, a suspicious electronic device was discovered in the bottom of a fiber drum. The device was underneath the solid material that was in a drum labeled by Chemco as "sodium acetate". All removal personnel evacuated the site immediately and suspended removal activities. The MTAA was notified and arrived to inspect the device. They agreed it was a potential explosive device and the Topeka Bomb Squad was contacted. The ATF also arrived at the site and an investigation was conducted. The device was X-ray scanned to determine if it was an explosive. The x-rays were inconclusive and the device was subsequently removed from the site and detonated at a Forbes Field firing range. The device and a sample of the material under which it was located were sent to the ATF's laboratory in Washington D.C. The results of the ATF's analyses indicated the solid material was ephedrine, which is used in the production of methamphetamine. The device was determined to be a drug tracking device that was lost by the U.S. Drug Enforcement Agency. Removal activities resumed full-scale operations on July 1, 1996.

Each waste stream was sampled for disposal profile analyses on July 1, 1996. Each sample consisted of composite material from the respective waste streams collected in a 32-ounce jar. The START collected the liquid samples utilizing a new thieving rod or composite liquid waste sampling apparatus (coliwasa) for each sample to avoid cross-contamination. Similarly, the ERCS collected the disposal profile samples for the solids waste streams utilizing a new stainless-steel spoon for each sample. Profiles were completed for each waste stream by the ERCS and were provided, along with the disposal profile samples, to the disposal subcontractor (Phillips) on July 1, 1996.

Table 1
Consolidated Materials Waste Streams
Chemco Site
Topeka, Kansas
S07-9606-015/0198CHRAXX

#	Waste Stream	Example Materials	No. of Drums
1.	Corrosive Solids-Acid	ferrous sulphate, aluminum potassium, sodium bisulfate	1
2.	Corrosive Solids-Base	soda beads, NaOH, disodium phosphate	4
3.	Corrosive Oxidizer Solids-Acid	ferric sulfate, ferric chloride	3
4.	Corrosive Oxidizer Solids-Base	potassium nitrate	1
5.	Flammable Solids	carbon, gilsonite, sulfur, calcium sulfite	2
6.	Oxidizer Solids	CaOH, zeolite	1
7.	Environmentally Hazardous Substances-Solids	methyl cellulose, ammonium alum, sodium metabisulfite	4
8.	Poisonous Solid-Corrosive	zinc chloride	1
9.	Corrosive Liquids-Acid	muriatic acid, HCL, sulfuric acid	2
10.	Corrosive Liquids-Base	NaOH, ammonia	3
11.	Flammable Liquids	formaldehyde, MEK, alcohols	4
12.	Environmentally Hazardous Substances-Liquids	sodium silicate, mineral oil	4
13.	Hydrazine Liquid	over-packed hydrazine drum 30-gallon	1

- Laboratory Chemicals

The former TAT conducted an inventory at the Chemco facility in November 1995. This inventory database, consisting of over 2,400 containers, was provided to Phillips on a computer diskette. Phillips then determined packing requirements for the known laboratory chemical wastes. The ERCS RM and chemist, Leston Porter, conducted on-site screening, literature searches, and compatibility testing to determine the identity and packing requirements of the unknown laboratory chemical wastes.

Laboratory packing of the laboratory chemical wastes commenced on July 2, 1996. This was performed by referencing the label information on each container with the inventory list and associated packing group that was determined by Phillips. Each container was then placed in its respective packing group's vermiculite-lined drum (lab-pack). Lab-packs, totaling 37 drums, were completed on July 5, 1996.

Disposal

All lab-packed chemical and bulk chemical drums were shipped on July 5 and 8, 1996. Drums were transported in several shipments based on shipping compatibility as determined by Phillips. The drums were shipped to Phillips' Kansas City facility for disposal or transhipment to an appropriate disposal facility. The hazardous waste manifests for each shipment are included in the attachments. The EPA, START, and ERCS completed all site activities and demobilized from the site on July 8, 1996.

Criminal Investigation Sampling

The START collected samples of selected chemicals found on the site to support EPA's criminal investigation on July 1, 1996. Eight samples were collected and submitted under activity number GP1WK to the EPA Region VII Laboratory for toxicity characteristic leaching procedure (TCLP) volatile organic compounds, TCLP metals, flashpoint (flammability), and corrosivity analyses. Each sample consisted of two 8-ounce jars. Samples were collected by pouring directly into the sample containers, using a thieving rod, or using a stainless-steel spoon. New sampling apparatus and surgical gloves were used for the collection of each sample to avoid cross-contamination. Samples were placed on ice and delivered to the laboratory on July 2, 1996.

Analytical results indicated four samples (201, 203, 204, and 205) were flammable (flashpoint $< 60^{\circ}$ Celsius). Only one sample exceeded TCLP regulatory levels. Sample 204 exceeded the TCLP regulatory level of 0.5 milligrams/liter (mg/l) for both 1,2-dichloroethane (29 mg/l) and benzene (230 mg/l). Cadmium was detected at 0.0078 mg/l in sample 202, but did not exceed the TCLP regulatory level of 1.0 mg/l for cadmium. Benzene was detected in sample 205 at 0.3 mg/l, but did not exceed the aforementioned regulatory level. In addition, n-butanol was detected in sample 203 at 1 gram/liter (g/l). No samples were corrosive (pH < 2 or > 12.5). The field sheets, chain-of-custody form, and analysis request report are included in the attachments.

SUMMARY

The START was tasked to provide technical assistance during emergency removal activities at the Chemco site in Topeka, Kansas. The site was the subject of ongoing investigations of fire code violations and illegal storage of chemicals. The EPA gave the site owner, Ken Halbert, until June 21, 1996, to hire a qualified hazardous waste cleanup company to properly clean up and dispose of the chemicals on the site. When Halbert failed to do so, the EPA initiated an emergency removal.

Removal activities began on June 24, 1996. Bulk chemicals were segregated, characterized, and consolidated into 13 waste streams consisting of a total of 31 drums. Laboratory chemicals were segregated into packing categories based on a previous inventory conducted by the former TAT in 1995 and on-site characterization of unknown laboratory chemicals conducted by the ERCS. The inventory and results of on-site characterization were provided to the disposal subcontractor, who determined the packing categories and requirements. Over 2,400 laboratory chemical containers were packed into 37 drums for transportation and disposal. All drums were shipped off the site and the removal was completed on July 8, 1996. It should be noted that removal activities were delayed by the discovery of potential explosive devices on the site.

REFERENCES

1. Ecology and Environment, Inc./Technical Assistance Team, February 5, 1996, Site Assessment: Chemco Industries, TDD: T07-9511-002, Overland Park, Kansas.

2. Ecology and Environment, Inc./Technical Assistance Team, December 17, 1990, Site Assessment: Challenger Products, TDD: T07-9011-022, Overland Park, Kansas.

ATTACHMENTS

1. Figure 1: Site Location Map
   Figure 2: Site Sketch

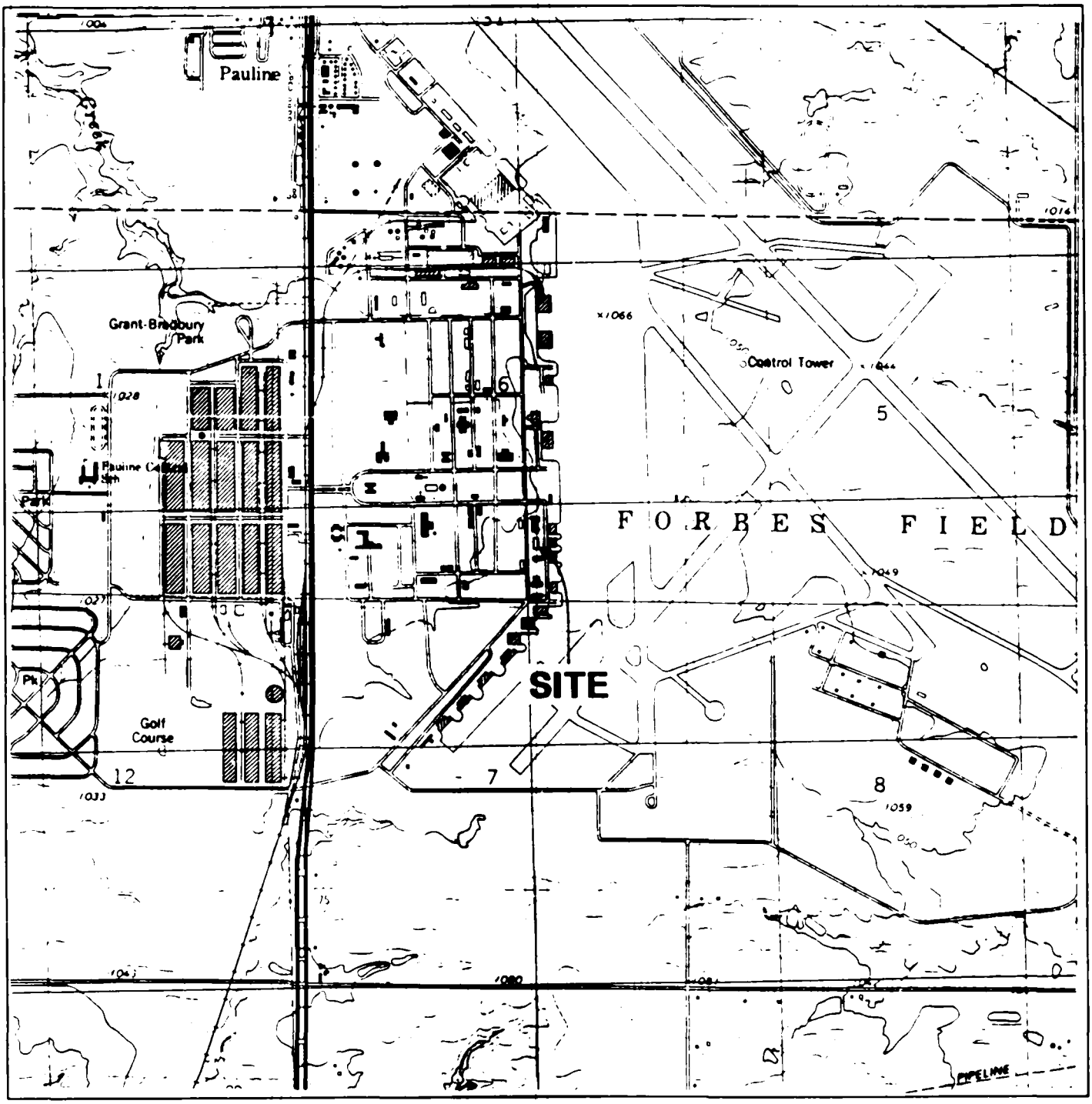
2. Field Sheets, Chain-of-Custody form, and Analysis Request Report for Activity No. GP1WK

3. Hazardous Waste Manifests

4. Photographic Record

ATTACHMENT 1

Figures



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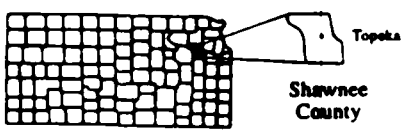
Scale 1:24000

0 1/2 1 MILE



Key to Counties

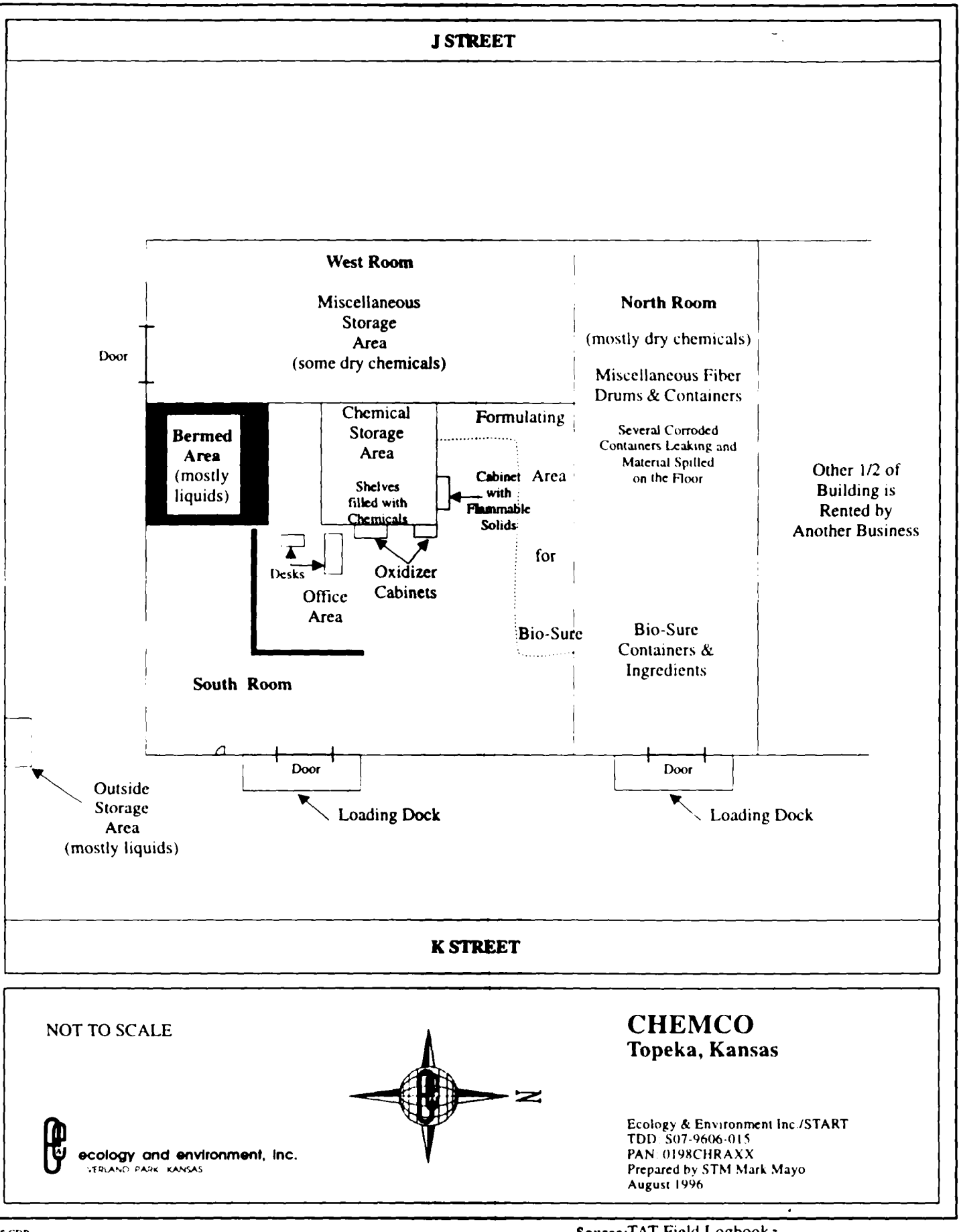
CHEMCO
Topeka, Kansas

Ecology & Environment, Inc./TAT
TDD: S07-9606-015
PAN: 0198CHRAXX
Prepared by STM Mark Mayo
August 1996

ecology and environment, inc.
OVERLAND PARK, KANSAS

Source: USGS 7.5 minute series, 1983
Wakarusa, KS Quad.

Figure 1: Site Location Map



CSS CDR
SCOTT HAYES #1

Source: TAT Field Logbook - September 1995

Figure 2: Site Sketch

ATTACHMENT 2

Field Sheets, Chain-of-Custody form, and Analysis Request Report for Activity No. GP1WK

CHAIN OF CUSTODY RECORD
ENVIRONMENTAL PROTECTION AGENCY REGION VII

ACTIVITY LEADER(Print)	NAME OF SURVEY OR ACTIVITY	DATE OF COLLECTION (DAY / MONTH / YEAR)	SHEET
K [illegible]	CHEMCO, Topeka	[illegible]	01 [illegible]

CONTENTS OF SHIPMENT

SAMPLE NUMBER	TYPE OF CONTAINERS: CUBITAINER	BOTTLE	BOTTLE	BOTTLE	VOA SET (2 VIALS EA)	SAMPLED MEDIA: water	soil	sediment	dust	other	RECEIVING LABORATORY REMARKS OTHER INFORMATION (condition of samples upon receipt, other sample numbers, etc.)
	NUMBERS OF CONTAINERS PER SAMPLE NUMBER										
[illegible]		2			1					-	
[illegible]		2			1					-	
[illegible]		2			1					-	
[illegible]		2			1					-	
[illegible]		2			1					-	
[illegible]		2			1					-	
[illegible]		2			1					-	
[illegible]		2			1					-	
[illegible]		2			1					-	
		[illegible]			8						
					1						

DESCRIPTION OF SHIPMENT

2 PIECE(S) CONSISTING OF _____ BOX(ES)

1 ICE CHEST(S) OTHER _____

MODE OF SHIPMENT

_____ COMMERCIAL CARRIER _____

_____ COURIER

✓ SAMPLER CONVEYED _____ (SHIPPING DOCUMENT NUMBER)

PERSONNEL CUSTODY RECORD

RELINQUISHED BY (SAMPLER)	DATE	TIME	RECEIVED BY	REASON FOR CHANGE OF CUSTODY
[illegible] ☐ SEALED ☐ UNSEALED	[illegible]	1030	Gary L Hoch ☒ SEALED ☐ UNSEALED	[illegible]
RELINQUISHED BY	DATE	TIME	RECEIVED BY	REASON FOR CHANGE OF CUSTODY
[illegible] ☐ SEALED ☐ UNSEALED	[illegible]	[illegible]	Nicole Rob ☒ SEALED ☐ UNSEALED	[illegible]
RELINQUISHED BY	DATE	TIME	RECEIVED BY	REASON FOR CHANGE OF CUSTODY
☐ SEALED ☐ UNSEALED			☐ SEALED ☐ UNSEALED	

7-EPA-926 (Rev. [illegible])

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 7
25 FUNSTON ROAD
KANSAS CITY, KANSAS 66115

DATE: AUG - 8 1996

SUBJECT: Data Transmittal for Activity #: GP1WK
Site Description:

FROM: Andrea Jirka, Program Manager
Regional Laboratory, Environmental Services Division

TO:

Attached is the data transmittal for the above-referenced site. The data contained in this transmittal have been approved by the Regional Laboratory. This should be considered a ____ Partial or ✓ Complete data transmittal (completes transmittal of GP1WK). The Project Leader should notify the Regional Laboratory with 14 days of any changes in the LAST analytical database. If you have any questions, comments, or data changes, please contact Dee Simmons at 551-5129.

Attachment

cc: Analytical Data File

DRAFT

FIELD SHEET

U.S. ENVIRONMENTAL PROTECTION AGENCY, REGION VII
ENVIRONMENTAL SERVICES DIV. 25 FUNSTON RD. KANSAS CITY, KS 66115

FY: 96 ACTNO: GP1WK SAMNO: 200 QCC: _ MEDIA: HAZWST PL: KUDLINSKI, JIM

ACTIVITY DES: CHEMCO (CRIM) REF LATITUDE: __ __ __
LOCATION: TOPEKA KS PROJECT NUM: L33 PT: LONGITUDE: __ __ __

SAMPLE DES: Manganese Dioxide
LOCATION: Topeka KS
CASE/BATCH/SMO: ____/__/____ LAB: ___
STORET/AIRS NO: _____

	DATE	TIME	FROM REF PT
BEG:	__/__/__	:__	EAST: ____
END:	7/1/96	11:15	NORTH: ____
			DOWN: ____

ANALYSIS REQUESTED:

CONTAINER	PRESERVATIVE	MGP	NAME
40 ML VIAL	COOL (4 C)	H07	HAZARDOUS VOLATILE ORGANIC
8 OZ GLASS	COOL (4 C)	H05	HAZARDOUS TCLP METALS
8 OZ GLASS	NONE	HG22	FLASHPOINT (FLAMMABILITY)
8 OZ GLASS	COOL (4 C)	HG05	CORROSIVITY

TCLP VOA

(No TCLP Hg)

COMMENTS: FOR SUPERFUND ONLY: SUBSITE IDENTIFIER:___ OPERABLE UNIT:___

black heavy powder

"Manganese Dioxide"

Poison?

1 container: 1 3-kg
1 100g
glass containers

found in lab. chem. room

CRIMINAL INVESTIGATION SAMPLE

SAMPLE COLLECTED BY : Hahn / Hayes

DRAFT

FIELD SHEET

U.S. ENVIRONMENTAL PROTECTION AGENCY, REGION VII
ENVIRONMENTAL SERVICES DIV. 25 FUNSTON RD. KANSAS CITY, KS 66115

FY: 96 ACTNO: GP1WK SAMNO: 201 QCC: _ MEDIA: HAZWST PL: KUDLINSKI, JIM

ACTIVITY DES: CHEMCO (CRIM) REF LATITUDE: __ __ __
LOCATION: TOPEKA KS PROJECT NUM: L33 PT: LONGITUDE: __ __ __

SAMPLE DES: 4,4-Dimethoxy-2-Butanone
LOCATION: Topeka KS
CASE/BATCH/SMO: / / LAB:
STORET/AIRS NO:

	DATE	TIME	FROM REF PT
BEG:	__/__/__	__:__	EAST:
END:	7/1/96	11:35	NORTH:
			DOWN:

ANALYSIS REQUESTED:

CONTAINER	PRESERVATIVE	MGP	NAME
40 ML VIAL	COOL (4 C)	H07	HAZARDOUS VOLATILE ORGANIC TCLP VOA
8 OZ GLASS	COOL (4 C)	H05	HAZARDOUS TCLP METALS (No Tclp Hg)
8 OZ GLASS	NONE	HG22	FLASHPOINT (FLAMMABILITY)
8 OZ GLASS	COOL (4 C)	HG05	CORROSIVITY

COMMENTS: FOR SUPERFUND ONLY: SUBSITE IDENTIFIER:___ OPERABLE UNIT:___

brown liquid

4,4-Dimethoxy-2-Butanone

1 kg (L?) Jar

Stored in lab. room not w/ flammables

CRIMINAL INUESTIGATION SAMPLE

SAMPLE COLLECTED BY : Hayes

DRAFT

FIELD SHEET

U.S. ENVIRONMENTAL PROTECTION AGENCY, REGION VII
ENVIRONMENTAL SERVICES DIV. 25 FUNSTON RD. KANSAS CITY, KS 66115

FY: 96 ACTNO: GP1WK SAMNO: 202 QCC: _ MEDIA: HAZWST PL: KUDLINSKI, JIM

ACTIVITY DES: CHEMCO (CRIM) REF LATITUDE: __ __ __
LOCATION: TOPEKA KS PROJECT NUM: L33 PT: LONGITUDE: __ __ __

SAMPLE DES: Antimony Trisulfide
LOCATION: Topeka KS
CASE/BATCH/SMO: / /
STORET/AIRS NO:

LAB: ___

	DATE	TIME	FROM REF PT
BEG:	__/__/__	__:__	EAST: ____
END:	7/1/96	11:55	NORTH: ____
			DOWN: ____

ANALYSIS REQUESTED:

CONTAINER	PRESERVATIVE	MGP	NAME
40 ML VIAL	COOL (4 C)	H07	HAZARDOUS VOLATILE ORGANIC (TCLP VOA)
8 OZ GLASS	COOL (4 C)	H05	HAZARDOUS TCLP METALS (No TCLP Hg)
8 OZ GLASS	NONE	HG22	FLASHPOINT (FLAMMABILITY)
8 OZ GLASS	COOL (4 C)	HG05	CORROSIVITY

COMMENTS: FOR SUPERFUND ONLY: SUBSITE IDENTIFIER:___ OPERABLE UNIT:___

CRIMINAL INVESTIGATION SAMPLE

grey heavy powder - 5lb jar

"Antimony Trisulfide"

reacting w/ oxidizers

poison

(combustible

in lab. chem. room

SAMPLE COLLECTED BY : Hayes

DRAFT

FIELD SHEET

U.S. ENVIRONMENTAL PROTECTION AGENCY, REGION VII
ENVIRONMENTAL SERVICES DIV. 25 FUNSTON RD. KANSAS CITY, KS 66115

FY: 96 ACTNO: GP1WK SAMNO: 203 QCC: _ MEDIA: HAZWST PL: KUDLINSKI, JIM

ACTIVITY DES: CHEMCO (CRIM) REF LATITUDE: __ __ __
LOCATION: TOPEKA KS PROJECT NUM: L33 PT: LONGITUDE: __ __ __

SAMPLE DES: Butyraldehyde
LOCATION: Topeka KS
CASE/BATCH/SMO: ____/__/____ LAB: ___
STORET/AIRS NO: _____

DATE TIME FROM REF PT
BEG: __/__/__ :__ EAST: ____
END: ~~7/1/96~~ ~~12~~:10 NORTH: ____
7/1/96 DOWN: ____

ANALYSIS REQUESTED:

CONTAINER	PRESERVATIVE	MGP	NAME
40 ML VIAL	COOL (4 C)	H07	HAZARDOUS VOLATILE ORGANIC
8 OZ GLASS	COOL (4 C)	H05	HAZARDOUS TCLP METALS
8 OZ GLASS	NONE	HG22	FLASHPOINT (FLAMMABILITY)
8 OZ GLASS	COOL (4 C)	HG05	CORROSIVITY

TCLP VOA (NO TCLP Hg.)

COMMENTS: FOR SUPERFUND ONLY: SUBSITE IDENTIFIER:___ OPERABLE UNIT:___

CRIMINAL INVESTIGATION SAMPLE

1 8oz glass jar of clear liquid

Butyraldehyde, lab grade

highly flammable + stored in Chem room

not in flamm. cabinet

SAMPLE COLLECTED BY : Hkden

DRAFT

FIELD SHEET

U.S. ENVIRONMENTAL PROTECTION AGENCY, REGION VII
ENVIRONMENTAL SERVICES DIV. 25 FUNSTON RD. KANSAS CITY, KS 66115

FY: 96 ACTNO: GP1WK SAMNO: 204 QCC: _ MEDIA: HAZWST PL: KUDLINSKI, JIM

ACTIVITY DES: CHEMCO (CRIM) REF LATITUDE: __ __ __
LOCATION: TOPEKA KS PROJECT NUM: L33 PT: LONGITUDE: __ __ __

SAMPLE DES: 1,4 Dioxane, purified
LOCATION: Topeka KS
CASE/BATCH/SMO: 1 / /
STORET/AIRS NO:
LAB: ___

	DATE	TIME	FROM REF PT
BEG:	/ /	:	EAST:
END: ~~12/ 15/ 1996~~ 7/1/96		12:15	NORTH:
			DOWN:

ANALYSIS REQUESTED:

CONTAINER	PRESERVATIVE	MGP	NAME
40 ML VIAL	COOL (4 C)	H07	HAZARDOUS VOLATILE ORGANIC (TCLP VOA)
8 OZ GLASS	COOL (4 C)	H05	HAZARDOUS TCLP METALS (No TCLP Hg)
8 OZ GLASS	NONE	HG22	FLASHPOINT (FLAMMABILITY)
8 OZ GLASS	COOL (4 C)	HG05	CORROSIVITY

COMMENTS: FOR SUPERFUND ONLY: SUBSITE IDENTIFIER:___ OPERABLE UNIT:___

CRIMINAL INUESTIGATION SAMPLE

1 gal. jar of liquid - clear

1,4 - Dioxane

flammable

from cabinet in outside storage area

SAMPLE COLLECTED BY : Haden

DRAFT

FIELD SHEET

U.S. ENVIRONMENTAL PROTECTION AGENCY, REGION VII

ENVIRONMENTAL SERVICES DIV. 25 FUNSTON RD. KANSAS CITY, KS 66115

FY: 96 ACTNO: GP1WK SAMNO: 205 QCC: _ MEDIA: HAZWST PL: KUDLINSKI, JIM

ACTIVITY DES: CHEMCO (CRIM) REF LATITUDE: __ __ __
LOCATION: TOPEKA KS PROJECT NUM: L33 PT: LONGITUDE: __ __ __

SAMPLE DES: MEK Drum DATE TIME FROM REF PT
LOCATION: Topeka KS BEG: 7/1/96 10:20 EAST: ____
CASE/BATCH/SMO: ____/_/____ LAB: ___ END: 7/1/96 10:23 NORTH: ____
STORET/AIRS NO: ______ DOWN: ____

ANALYSIS REQUESTED:

CONTAINER	PRESERVATIVE	MGP	NAME
40 ML VIAL	COOL (4 C)	H07	HAZARDOUS VOLATILE ORGANIC TCLP VOA
8 OZ GLASS	COOL (4 C)	H05	HAZARDOUS TCLP METALS (No TCLP Hg)
8 OZ GLASS	NONE	HG22	FLASHPOINT (FLAMMABILITY)
8 OZ GLASS	COOL (4 C)	HG05	CORROSIVITY

COMMENTS: FOR SUPERFUND ONLY: SUBSITE IDENTIFIER:___ OPERABLE UNIT:___

Criminal Investigation Sample.
Sample of 55-gal drum of clear two-phase liquid with some cloudiness at interface. Drum marked as containing methyl ethyl ketone overpacked into 85-gal overpack.

Drum in SE corner of Chemco Bldg

1-8 oz sample collected for both Flammability & corrosivity, and a second for TCLP metals
2-40 ml VOA vials collected.

SAMPLE COLLECTED BY : Hayes

DRAFT

FIELD SHEET

U.S. ENVIRONMENTAL PROTECTION AGENCY, REGION VII
ENVIRONMENTAL SERVICES DIV. 25 FUNSTON RD. KANSAS CITY, KS 66115

FY: 96 ACTNO: GP1WK SAMNO: 206 QCC: _ MEDIA: HAZWST PL: KUDLINSKI, JIM

ACTIVITY DES: CHEMCO (CRIM) REF LATITUDE: __ __ __
LOCATION: TOPEKA KS PROJECT NUM: L33 PT: LONGITUDE: __ __ __

SAMPLE DES: Hydrazine Drum
LOCATION: Topeka KS
CASE/BATCH/SMO: ____/__/____ LAB: ___
STORET/AIRS NO: _____

	DATE	TIME	FROM REF PT	
BEG:	07/1/96	10:00	EAST:	____
END:	07/1/96	10:20	NORTH:	____
			DOWN:	____

ANALYSIS REQUESTED:

CONTAINER	PRESERVATIVE	MGP	NAME
2-40 ML VIAL	COOL (4 C)	H07	HAZARDOUS VOLATILE ORGANIC (TCLP VOA)
8 OZ GLASS	COOL (4 C)	H05	HAZARDOUS TCLP METALS (No TCLP Hg.)
8 OZ GLASS	NONE	HG22	FLASHPOINT (FLAMMABILITY)
8 OZ GLASS	COOL (4 C)	HG05	CORROSIVITY

COMMENTS: FOR SUPERFUND ONLY: SUBSITE IDENTIFIER:___ OPERABLE UNIT:___

Chemco Investigation Sample.
Sample collected from 30-gallon drum labeled Hydrazine, which had been overpacked into an 85-gallon overpack drum. Drum located in SE corner of Chemco Bldg.
Sample is clear white liquid.
One 8-oz jar collected for use in running both Flashpoint and Corrosivity analyses, and a second for TCLP metals.
2 40-ml VOA vials collected

SAMPLE COLLECTED BY : Hayes

DRAFT

FIELD SHEET

U.S. ENVIRONMENTAL PROTECTION AGENCY, REGION VII
ENVIRONMENTAL SERVICES DIV. 25 FUNSTON RD. KANSAS CITY, KS 66115

FY: 96 ACTNO: GP1WK SAMNO: 207 QCC: _ MEDIA: HAZWST PL: KUDLINSKI, JIM

ACTIVITY DES: CHEMCO (CRIM) REF LATITUDE: __ __ __
LOCATION: TOPEKA KS PROJECT NUM: L33 PT: LONGITUDE: __ __ __

SAMPLE DES: Formaldehyde Drum
LOCATION: Topeka KS
CASE/BATCH/SMO: __/__/__ LAB: __
STORET/AIRS NO: __

	DATE	TIME	FROM REF PT
BEG:	7/1/96	10:10	EAST:
END:	7/1/96	10:20	NORTH:
			DOWN:

ANALYSIS REQUESTED:

CONTAINER	PRESERVATIVE	MGP	NAME
40 ML VIAL	COOL (4 C)	H07	HAZARDOUS VOLATILE ORGANIC (TCLP VOA)
8 OZ GLASS	COOL (4 C)	H05	HAZARDOUS TCLP METALS (No TCLP Hg)
8 OZ GLASS	NONE	HG22	FLASHPOINT (FLAMMABILITY)
8 OZ GLASS	COOL (4 C)	HG05	CORROSIVITY

COMMENTS: FOR SUPERFUND ONLY: SUBSITE IDENTIFIER: ___ OPERABLE UNIT: ___

Criminal Investigation Sample.
Clear liquid samples collected with a reddish-tan sediment that settles out upon standing.
55-gallon drum with hole in its top overpacked into 55-gal drum staged in SE corner of Chemco Building.
One 8 oz Jar Collected For corrosivity and flashpoint analyses, a second 8-oz Jar for TCLP Motals & 2 40 ml VOA vials.

SAMPLE COLLECTED BY : Hayes

CHAIN OF CUSTODY RECORD
ENVIRONMENTAL PROTECTION AGENCY REGION VII

ACTIVITY LEADER (Print)	NAME OF SURVEY OR ACTIVITY	DATE OF COLLECTION (DAY / MONTH / YEAR)	SHEET
Kwolinski	CHEMCO, Topeka, KS	27 / 6 / 96	1 of 1

CONTENTS OF SHIPMENT

SAMPLE NUMBER	TYPE OF CONTAINERS: CUBITAINER	EPT BOTTLE	BOTTLE	BOTTLE	VOA SET (2 VIALS EA)	SAMPLE MEDIA: water	soil	sediment	dust	other HCl	RECEIVING LABORATORY REMARKS OTHER INFORMATION (CONDITION OF SAMPLES UPON RECEIPT, OTHER SAMPLE NUMBERS, ETC.)
	NUMBERS OF CONTAINERS PER SAMPLE NUMBER										
CHMK-201		2			1					✓	
-201		2			1					✓	
-202		2			1					✓	
-203		2			1					✓	
-204		2			1					✓	
-205		2			1					✓	
-206		2			1					✓	
-207		2			1					✓	
		16			8						

DESCRIPTION OF SHIPMENT

24 PIECE(S) CONSISTING OF _____ BOX(ES)

1 ICE CHEST(S), OTHER _____

MODE OF SHIPMENT

_____ COMMERCIAL CARRIER _____

_____ COURIER

✓ SAMPLER CONVEYED

SHIPPING DOCUMENT NUMBER _____

PERSONNEL CUSTODY RECORD

RELINQUISHED BY (SAMPLER)	DATE	TIME	RECEIVED BY	REASON FOR CHANGE OF CUSTODY
Scott Stevens ☐ SEALED ☐ UNSEALED	7/1/96	0930	Jerry Hladik ☐ SEALED ☐ UNSEALED	overnight storage + transport to lab.
RELINQUISHED BY	DATE	TIME	RECEIVED BY	REASON FOR CHANGE OF CUSTODY
Jerry Hladik ☐ SEALED ☐ UNSEALED	7/2/96	900	Nicole Fields ☐ SEALED ☐ UNSEALED	Analysis
RELINQUISHED BY	DATE	TIME	RECEIVED BY	REASON FOR CHANGE OF CUSTODY
☐ SEALED ☐ UNSEALED			☐ SEALED ☐ UNSEALED	

EPA Form [illegible]

United States Environmental Protection Agency

Region 7
25 Funston Road, Kansas City, KS 66115

DATE: July 16, 1996
SUBJECT: Activity No: GP1WK
Site Description: Chemco
Analysis: TCLP VOA, hazardous

FROM: M. St. Germain MWS

TO: LABO Primary File

Comments regarding the subject activity are as follows:

Sample Number(s): **All Samples**

Sample Number	Sample Description	Soluble in Water?	Comments
200	Gray-black powder	No	
202	Gray-black powder	No	
201	Dark brown, clear liquid	Some-	White precipitate is generated when mixed with water.
203	Clear liquid, slimy/slippery-like oil	No	1. Formed two phases when mixed with water. 2. Formed emulsified liquid in ZHE extractor. 3. Liquid was filterable. 4. Contained 1 g/L of n-butanal.
204	Clear liquid	Yes	
205	Clear liquid (38 mL), dark brown precipitate (3 mL)	Yes-liquid No-solid	Insufficient solid sample for TCLP.
206	Clear liquid	Yes	
207	Clear, yellow liquid (38 mL), yellow precipitate (3 mL)	Yes-liquid No-solid	Insufficient solid sample for TCLP.

Eight samples were received for Activity GP1WK. The samples were a wide variety of sample types. The table above summarizes the sample number, the sample description, solubility in water, and comments.

GP1WK200, GP1WK200L, GP1WK202

Two samples were received as solid samples. Because both samples were a very dry, finely divided powder, I assumed that the percent solids were 100%. Sample GP1WK200 was extracted in duplicate. Precision for the solid samples was good. I performed matrix spike analyses on samples GP1WK200 and GP1WK200L. Precision and recovery values were acceptable.

GP1WK201, GP1WK203, GP1WK203L, GP1WK204, GP1WK205, GP1WK206, GP1WK207

Six remaining samples were received as liquid samples. The first two samples were not soluble in water, and the last four samples were soluble in water.

Sample GP1WK201 started out as a dark brown, clear liquid. When mixed with water, a white precipitate was generated. It appeared that the bulk of the liquid did dissolve in water. The sample was TCLP extracted. The extract was a clear liquid.

Sample GP1WK203 was immiscible in water. A sample liquid layer was above the water layer. The sample was slippery like oil. The sample had a strong (pungent), sweet odor, much like 2-butanone but different. The sample was TCLP extracted in duplicate (GP1WK203L). This sample was used for the matrix spiked quality control for the liquid samples.

Sample GP1WK203 had a false positive result for 2-butanone. The mass spectra for the analyses did not confirm the presence of 2-butanone. Therefore, the sample contained a compound that interfered with the quantitation of 2-butanone. The retention time of the unknown was 0.3 minutes before the expected retention time of 2-butanone. The unknown was tentatively identified as n-butanal (butyric aldehyde). The TCLP extracts were diluted by a factor of 2500 in order to quantitate 2-butanone and n-butanal. When the dilutions were spiked with the standard (for matrix spiked analyses), two chromatographic peaks were observed in the matrix spiked samples, and 2-butanone peak was not observed in the unspiked, diluted samples. The method detection limit for this sample was 38 mg/L for 2-butanone. However, the quantitation limit for 2-butanone approaches 150 mg/L, because the interferences elutes close to the expected retention time for 2-butanone. The precision and recovery for this sample were acceptable.

Samples GP1WK205 and GP1WK207 both contained less than 3 mL (by volume) of precipitate. TCLP extraction could not be performed on solid portion of these samples, because there was insufficient solid. The liquid portions of the samples were soluble in water. Therefore, the liquid portion of the samples were diluted in water and analyzed as TCLP extracts. Because the n-butanal interference was observed in these samples, I analyzed a matrix spike sample from sample GP1WK207 to confirm that 2-butanone was not present in the sample.

Samples GP1WK204 and GP1WK206 were soluble in water. These samples were diluted in water and analyzed as TCLP extracts.

July 26, 1996

SUBJECT: Activity Number: GP1WK
Site Description: Chemco

FROM: Leslye E. Werner
ANOP

TO: RLAB Primary File

Comments regarding the subject activity are as follows:

Sample Number(s): 201,203-207

TCLP Metals and corrosivity were not analyzed for these samples, due to their hazardous properties already being determined by TCLP VOA's and flashpoints.

NA OK

ANALYSIS REQUEST REPORT

LABORATORY APPROVED DATA
PROJECT LEADER APPROVAL PENDING

FOR ACTIVITY: GP1WK

KUDLINSKI, JIM

08/07/96 11:12:57

ALL REAL SAMPLES AND FIELD Q.C.

* LABO APPROVED

FY: 96 ACTIVITY: GP1WK DESCRIPTION: CHEMCO (CRIM) LOCATION: TOPEKA KANSAS

STATUS: ACTIVE TYPE: SAMPLING - IN HOUSE ANALYSIS PROJECT: L33

LABO DUE DATE IS 8/ 1/96. REPORT DUE DATE IS 8/30/96.

INSPECTION DATE: 7/ 1/96 ALL SAMPLES RECEIVED DATE: 07/02/96

ALL DATA APPROVED BY LABO DATE: 08/07/96 FINAL REPORT TRANSMITTED DATE: 00/00/00

EXPECTED LABO TURNAROUND TIME IS 30 DAYS EXPECTED REPORT TURNAROUND TIME IS 60 DAYS

ACTUAL LABO TURNAROUND TIME IS 36 DAYS ACTUAL REPORT TURNAROUND TIME IS 0 DAYS

SITE CODE: WK SITE: CHEMCO

SAMP. NO.	QCC	M	DESCRIPTION	SAMPLE STATUS	# CITY	STATE	AIRS/ STORET LOC	NO	SECT	LAY-ER	BEG. DATE	BEG. TIME	END. DATE	END. TIME
200		H	MANGANESE DIOXIDESAMPLE	1	TOPEKA	KANSAS					07/01/96	11:15	00/00/00	00:00
201		H	4,4-DIMETHOXY-2-BUTANONE SAMPLE	1	TOPEKA	KANSAS					07/01/96	11:35	00/00/00	00:00
202		H	ANTIMONY TRISULFIDE SAMPLE	1	TOPEKA	KANSAS					07/01/96	11:55	00/00/00	00:00
203		H	BUTYRALDEHYDE SAMPLE	1	TOPEKA	KANSAS					07/01/96	12:10	00/00/00	00:00
204		H	1,4 DIOXANE, PURIFIED SAMPLE	1	TOPEKA	KANSAS					07/01/96	12:15	00/00/00	00:00
205		H	MEK DRUM SAMPLE	1	TOPEKA	KANSAS					07/01/96	10:20	07/01/96	10:28
206		H	HYDRAZINE DRUM SAMPLE	1	TOPEKA	KANSAS					07/01/96	10:00	07/01/96	10:10
207		H	FORMALDEHYDE DRUM SAMPLE	1	TOPEKA	KANSAS					07/01/96	10:10	07/01/96	10:20

EXPLANATION OF CODES AND INFORMATION ON ANALYSIS REQUEST DETAIL REPORT

SAMPLE INFORMATION:

SAMP. NO. = SAMPLE IDENTIFICATION NUMBER (A 3-DIGIT NUMBER WHICH IN COMBINATION WITH THE ACTIVITY NUMBER AND QCC, PROVIDES AN UNIQUE NUMBER FOR EACH SAMPLE FOR IDENTIFICATION PURPOSES)

QCC = QUALITY CONTROL CODE (A ONE-LETTER CODE USED TO DESIGNATE SPECIFIC QC SAMPLES. THIS FIELD WILL BE BLANK FOR ALL NON-QC OR ACTUAL SAMPLES):

- B = CAL INCREASED CONCENTRATION FOR A LAB SPIKED DUP SAMPLE
- D = MEASURED VALUE FOR FIELD DUPLICATE SAMPLE
- F = MEASURED VALUE FOR FIELD BLANK
- G = MEASURED VALUE FOR METHOD STANDARD
- H = TRUE VALUE FOR METHOD STANDARD
- K = CAL INCREASED CONCENTRATION FOR FIELD SPIKED DUP SAMPLE
- L = MEASURED VALUE FOR A LAB DUPLICATE SAMPLE
- M = MEASURED VALUE FOR LAB BLANK
- N = MEASURED CONCENTRATION OF FIELD SPIKED DUPLICATE
- P = MEASURED VALUE FOR PERFORMANCE STANDARD
- R = CAL INCREASED CONCENTRATION RESULTING FROM LAB SPIKE
- S = MEASURED CONCENTRATION OF LAB SPIKED SAMPLE
- T = TRUE VALUE OF PERFORMANCE STANDARD
- W = MEASURED CONCENTRATION OF LAB SPIKED DUPLICATE
- Y = MEASURED CONCENTRATION OF FIELD SPIKED SAMPLE
- Z = CAL INCREASED CONCENTRATION RESULTING FROM FIELD SPIKE
- 1 = MEASURED VALUE OF FIRST SPIKED REPLICATE
- 2 = MEASURED VALUE OF SECOND SPIKED REPLICATE
- 3 = MEASURED VALUE OF THIRD SPIKED REPLICATE
- 4 = MEASURED VALUE OF FOURTH SPIKED REPLICATE
- 5 = MEASURED VALUE OF FIFTH SPIKED REPLICATE
- 6 = MEASURED VALUE OF SIXTH SPIKED REPLICATE
- 7 = MEASURED VALUE OF SEVENTH SPIKED REPLICATE

M = MEDIA CODE (A ONE-LETTER CODE DESIGNATING THE MEDIA OF THE SAMPLE):

- A = AIR
- H = HAZARDOUS WASTE/OTHER
- S = SOLID (SOIL, SEDIMENT, SLUDGE)
- T = TISSUE (PLANT & ANIMAL)
- W = WATER (GROUND WATER, SURFACE WATER, WASTE WATER, DRINKING WATER)

DESCRIPTION = A SHORT DESCRIPTION OF THE LOCATION WHERE SAMPLE WAS COLLECTED

AIRS/STORET LOC. NO. = THE SPECIFIC LOCATION ID NUMBER OF EITHER OF THESE NATIONAL DATABASE SYSTEMS, AS APPROPRIATE

DATE/TIME INFORMATION = SPECIFIC INFORMATION REGARDING WHEN THE SAMPLE WAS COLLECTED

- BEG. DATE = DATE SAMPLING WAS STARTED
- BEG. TIME = TIME SAMPLING WAS STARTED
- END DATE = DATE SAMPLING WAS COMPLETED
- END TIME = TIME SAMPLING WAS COMPLETED
- NOTE: A GRAB SAMPLE WILL CONTAIN ONLY BEG. DATE/TIME
  A TIMED COMPOSITE SAMPLE WILL CONTAIN BOTH BEG AND END DATE/TIME TO DESIGNATE DURATION OF SAMPLE COLLECTION

OTHER CODES

- V = VALIDATED

ANALYTICAL RESULTS/MEASUREMENTS INFORMATION:

COMPOUND = MGP (MEDIA-GROUP-PARAMETER) CODE AND NAME OF THE MEASURED CONSTITUENT OR CHARACTERISTIC OF EACH SAMPLE

UNITS = SPECIFIC UNITS IN WHICH RESULTS ARE REPORTED:

- C = CENTIGRADE (CELSIUS) DEGREES
- CFS = CUBIC FEET PER SECOND
- GPM = GALLONS PER MINUTE
- IN = INCHES
- I.D. = SPECIES IDENTIFICATION
- KG = KILOGRAM
- L = LITER
- LB = POUNDS
- MG = MILLIGRAMS (1 X 10-3 GRAMS)
- MGD = MILLION GALLONS PER DAY
- MPH = MILES PER HOUR
- MV = MILLIVOLT
- M/F = MALE/FEMALE
- M2 = SQUARE METER
- M3 = CUBIC METER
- NA = NOT APPLICABLE
- NG = NANOGRAMS (1 X 10-9 GRAMS)
- NTU = NEPHELOMETRIC TURBIDITY UNITS
- PC/L = PICO (1 X 10-12) CURRIES PER LITER
- PG = PICOGRAMS (1 X 10-12 GRAMS)
- P/CM2 = PICOGRAMS PER SQUARE CENTIMETER
- SCM = STANDARD CUBIC METER (1 ATM, 25 C)
- SQ FT = SQUARE FEET
- SU = STANDARD UNITS (PH)
- UG = MICROGRAMS (1 X 10-6 GRAMS)
- UMHOS = MICROMHOS/CM (CONDUCTIVITY UNITS)
- U/CC2 = MICROGRAMS PER 100 SQUARE CENTIMETERS
- U/CM2 = MICROGRAMS PER SQUARE CENTIMETER
- 1000G = 1000 GALLONS
- +/- = POSITIVE/NEGATIVE
- # = NUMBER

DATA QUALIFIERS = SPECIFIC CODES USED IN CONJUNCTION WITH DATA VALUES TO PROVIDE ADDITIONAL INFORMATION ON THE REPORTED RESULTS, OR USED TO EXPLAIN THE ABSENCE OF A SPECIFIC VALUE:

- BLANK = IF FIELD IS BLANK, NO REMARKS OR QUALIFIERS ARE PERTINENT. FOR FINAL REPORTED DATA, THIS MEANS THAT THE VALUES HAVE BEEN REVIEWED AND FOUND TO BE ACCEPTABLE FOR USE.
- I = INVALID SAMPLE/DATA - VALUE NOT REPORTED
- J = DATA REPORTED BUT NOT VALID BY APPROVED QC PROCEDURES
- K = ACTUAL VALUE OF SAMPLE IS < VALUE REPORTED
- L = ACTUAL VALUE OF SAMPLE IS > VALUE REPORTED
- M = DETECTED BUT BELOW THE LEVEL OF REPORTED VALUE FOR ACCURATE QUANTIFICATION
- O = PARAMETER NOT ANALYZED
- U = ACTUAL VALUE OF SAMPLE IS < THE MEASUREMENT DETECTION LIMIT (REPORTED VALUE)

ANALYSIS REQUEST DETAIL REPORT ACTIVITY: 6-GP1WK

LABORATORY APPROVED DATA
PROJECT LEADER APPROVAL PENDING

COMPOUND	UNITS	200		201		202		203		204	
HG05 CORROSIVITY	MM/YR	2.48		NA	O	2.91		NA	O	NA	O
HG22 FLASHPOINT (FLAMMABILITY)	'C	75	L	32	K	75	L	32	K	18	K
HM51 SILVER, TCLP	MG/L	0.0100	U	NA	O	0.0100	U	NA	O	NA	O
HM52 ARSENIC, TCLP	MG/L	0.0500	U	NA	O	0.0500	U	NA	O	NA	O
HM53 BARIUM, TCLP	MG/L	0.110	U	NA	O	0.113	U	NA	O	NA	O
HM54 CADMIUM, TCLP	MG/L	0.0050	U	NA	O	0.0078		NA	O	NA	O
HM55 CHROMIUM, TCLP	MG/L	0.0100	U	NA	O	0.0100	U	NA	O	NA	O
HM56 LEAD, TCLP	MG/L	0.0500	U	NA	O	0.0500	U	NA	O	NA	O
HM57 SELENIUM, TCLP	MG/L	0.0500	U	NA	O	0.0500	U	NA	O	NA	O
HV40 CHLOROFORM, TCLP	MG/L	0.016	U	0.16	U	0.16	U	0.16	U	0.16	U
HV41 DICHLOROETHANE, 1, 2-, TCLP	MG/L	0.016	U	0.16	U	0.16	U	0.16	U	29	
HV42 CARBON TETRACHLORIDE, TCLP	MG/L	0.016	U	0.16	U	0.16	U	0.16	U	0.16	U
HV43 BENZENE, TCLP	MG/L	0.016	U	0.16	U	0.16	U	0.16	U	230	
HV44 CHLOROBENZENE, TCLP	MG/L	0.016	U	0.16	U	0.16	U	0.16	U	0.16	U
HV45 DICHLOROETHYLENE, 1, 1-, TCLP	MG/L	0.016	U	0.16	U	0.16	U	0.16	U	0.16	U
HV46 METHYL ETHYL KETONE, TCLP	MG/L	0.059	U	0.59	U	0.59	U	38	K	6.7	K
HV47 TETRACHLOROETHYLENE, TCLP	MG/L	0.016	U	0.16	U	0.16	U	0.16	U	0.16	U
HV48 TRICHLOROETHYLENE, TCLP	MG/L	0.016	U	0.16	U	0.16	U	0.16	U	0.16	U
HV49 VINYL CHLORIDE, TCLP	MG/L	0.020	U	0.2	U	0.2	U	0.2	U	0.2	U
ZZ01 SAMPLE NUMBER	NA	200		201		202		203		204	
ZZ02 ACTIVITY CODE	NA	GP1WK		GP1WK		GP1WK		GP1WK		GP1WK	

ANALYSIS REQUEST DETAIL REPORT ACTIVITY: 6-GP1WK

LABORATORY APPROVED DATA
PROJECT LEADER APPROVAL PENDING

COMPOUND	UNITS	205		206		207			
HG05 CORROSIVITY	MM/YR	NA	O	NA	O	NA	O		
HG22 FLASHPOINT (FLAMMABILITY)	'C	38	K	75	L	75	L		
HM51 SILVER, TCLP	MG/L	NA	O	NA	O	NA	O		
HM52 ARSENIC, TCLP	MG/L	NA	O	NA	O	NA	O		
HM53 BARIUM, TCLP	MG/L	NA	O	NA	O	NA	O		
HM54 CADMIUM, TCLP	MG/L	NA	O	NA	O	NA	O		
HM55 CHROMIUM, TCLP	MG/L	NA	O	NA	O	NA	O		
HM56 LEAD, TCLP	MG/L	NA	O	NA	O	NA	O		
HM57 SELENIUM, TCLP	MG/L	NA	O	NA	O	NA	O		
HV40 CHLOROFORM, TCLP	MG/L	0.16	U	0.16	U	0.16	U		
HV41 DICHLOROETHANE, 1, 2-, TCLP	MG/L	0.16	U	0.16	U	0.16	U		
HV42 CARBON TETRACHLORIDE, TCLP	MG/L	0.16	U	0.16	U	0.16	U		
HV43 BENZENE, TCLP	MG/L	0.3		0.16	U	0.16	U		
HV44 CHLOROBENZENE, TCLP	MG/L	0.16	U	0.16	U	0.16	U		
HV45 DICHLOROETHYLENE, 1, 1-, TCLP	MG/L	0.16	U	0.16	U	0.16	U		
HV46 METHYL ETHYL KETONE, TCLP	MG/L	0.59	U	0.61	U	0.60	U		
HV47 TETRACHLOROETHYLENE, TCLP	MG/L	0.16	U	0.16	U	0.16	U		
HV48 TRICHLOROETHYLENE, TCLP	MG/L	0.16	U	0.16	U	0.16	U		
HV49 VINYL CHLORIDE, TCLP	MG/L	0.19	U	0.2	U	0.2	U		
ZZ01 SAMPLE NUMBER	NA	205		206		207			
ZZ02 ACTIVITY CODE	NA	GP1WK		GP1WK		GP1WK			

LABORATORY APPROVED DATA
PROJECT LEADER APPROVAL PENDING

ACTIVITY GP1WK CHEMCO (CRIM)

THE PROJECT LEADER SHOULD CIRCLE ONE - STORET, AIRS, OR ARCHIVE.

CIRCLE ONE: STORET AIRS ARCHIVE

DATA APPROVED BY LABO FOR TRANSMISSION TO PROJECT LEADER ON 08/07/96 11:12:57 BY _____.

MISSOURI DEPARTMENT OF NATURAL RESOURCES
Division of Environmental Quality
Hazardous Waste Program
P.O. Box 176 Jefferson City, Missouri 65102
314-751-3176

HAZARDOUS WASTE MANIFEST

PLEASE NOTE: ... SEPARATE SHEET
THIS DOCUMENT ... FOR ALL ... SHIPMENTS

Please print or type. (Form designed for use on elite (12 pitch) typewriter.)

Form Approved. OMB No. 2050-0039 Expires 9-30-96

UNIFORM HAZARDOUS WASTE MANIFEST

1 Generator's US EPA ID No. | Manifest Document No. | Page of | Information in the shaded areas is not required by Federal law

3 Generator's Name and Mailing Address

4 Generator's Phone

A Missouri Manifest Document Number

B GSI (Gen. Site Address)

5 Transporter 1 Company Name | 6 US EPA ID Number | C MO Trans. ID | D Transporter's Phone

7 Transporter 2 Company Name | 8 US EPA ID Number | E MO Trans. ID | F Transporter's Phone

9 Designated Facility Name and Site Address | 10 US EPA ID Number | G State Facility's ID | H Facility's Phone

(816) 474-1391

11 US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number) | 12 Containers (No. / Type) | 13 Total Quantity | 14 Unit Wt./Vol. | I Waste No.

GENERATOR

a				EPA WASTE CODE	
				STATE	
b				EPA WASTE CODE	
				STATE	
c				EPA WASTE CODE	
				STATE	
d				EPA WASTE CODE	
				STATE	

J. Additional Descriptions for Materials Listed Above	K. Handling Codes for Wastes Listed Above (Interim / Final)
a.	a.
b.	b.
c.	c.
d.	d.

15 Special Handling Instructions and Additional Information

EMERGENCY CONTACT NUMBER (816) 474-1391

16 GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and applicable state regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method available to me that I can afford.

Printed/Typed Name	Signature	Month	Day	Year

TRANSPORTER

17 Transporter 1 Acknowledgement of Receipt of Materials — Date

Printed/Typed Name	Signature	Month	Day	Year

18 Transporter 2 Acknowledgement of Receipt of Materials — Date

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19 Discrepancy Indication Space

20 Designated Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19 — Date

Printed/Typed Name	Signature	Month	Day	Year

EPA Form 8700-22 (Rev. 9-94) MDNR-HWG 10

GENERATOR COPY — PART 6

SEE INSTRUCTIONS SHOULD PART 1 & 2 FAIL TO RETURN

PHILIP ENVIRONMENTAL ATTACHMENT TO HAZARDOUS WASTE MANIFEST#

LABPACK/COMMERCIAL PRODUCT PACK (Circle One)

Drum # 800-675
Project #:
Date:
Generator: US EPA : Chemco Removal
Drum Type/Size: Metal / 15 gallon
Profile#:
Rec'v. Facility
EPA ID#: KSD000000652-0002
Total Vol./Wt.
Transporter:
DOT PSN:
Constituents:
(Circle RQ constituent, otherwise specify):
Haz Class: Corrosive Liquid 8 (6.1)
DOT ID#:
PG: I
RQ= lb.
Labels:
EPA Codes:
State Codes:
Approval:

Fill use only	A	B	C1	C2	D1	D2	D3	E	F	G	H	I	J1	J2		J3	K	L	M
			DOT		EPA		WA DOE					DOT	Land Disposal Restriction						
													Alt Trt	Specified Tech		Meets Stnd			
Disposition	Item#	Description (Chemical & Physical)	ID#	Packing Group	Waste Code	Sub Cat	Waste Code	Solid/ Liquid	# of Cont	Container Type/Size	Waste Amount	RQ (lb)	INCIN *	40 CFR 268.40	Tech Code	No Trt Req'd	State Waste Only	DOT Reg Only	Non-reg Waste Only
		1-Bromopropanol						L	1	GL/1L	50%								
		(3-Bromopropyl) benzene						L	1	GL/100ml	70%								
		Diethylcarbamoylchloride						L	1	GL/100ml	40%								
		Dimethylcarbamyl chloride						L	2	GL/100ml	70%								
		Bromine Water			D002			L	1	GL/1L	30%								
		Bromine			D002			L	1	GL/1Pt	40%								
		Bromine Water			D002			L	1	GL/1Pt	90%								

*J1 The following wastes are prohibited from alternative labpack treatment standard (INCIN) D009, F019, K003-6, K062, K071, K100, K106, P010-12, P076, P078, U134, U151 Fill out J2

M=Metal GL=Glass, PL=Plastic CB=Cardboard CBT=CB tube, P=Paper

G=Gallon, qt=Quart, pt=Pint, L=Liter, mL=Milliliter, lb=Pound, oz=Ounce, g=Gram, mg=Milligram

MANIFEST -0003

PHILIP ENVIRONMENTAL ATTACHMENT TO HAZARDOUS WASTE MANIFEST#
LABPACK/COMMERCIAL PRODUCT PACK

Generator: USEPA CITEMCO Removal (Circle One)

EPA ID#: KS0000000652 -0003

DOT PSN:

Constituents:

Haz Class: Poison (CYANIDES) 6.1

EPA Codes:

Drum # 800-671 Project #:

Drum Type/Size: 17H 55g Profile#:

Total Vol./Wt.

Page: 1 of 1

Date:

Rec'v. Facility:

Transporter:

DOT ID#: PG: RQ= lb. (Circle RQ constituent, otherwise specify):

State Codes: Labels:

Approval:

FEI use only Disposition	A Item #	B Description (Chemical & Physical)	C1 DOT ID#	C2 DOT Packing Group	D1 EPA Waste Code	D2 EPA Sub Cat	D3 WA DOE Waste Code	E Solid/Liquid	F # of Cont	G Container Type/Size	H Waste Amount	I DOT RQ (lb)	J1 Land Disposal Restriction Alt Trt INCIN *	J2 Specified Tech 40 CFR 268.40	J2 Specified Tech Tech Code	J3 Meets Stnd No Trt Req'd	K State Waste Only	L DOT Reg Only	M Non reg Waste Only
		Potassium Ferrocyanide						S	1	pl/10lb	75%								
		ammonium thiocyanate						S	1	pl/1lb	50%								
		sodium ferrocyanide			P030,			S	1	gl/5 lb	50%								
		ammonium thiocyanate						S	1	pl/500g	50%								
		sodium thiocyanate						S	4	gl/1lb	50%								
		ammonium thiocyanate						S	3	gl/¼lb	100%								
		ammonium thiocyanate						S	2	gl/1lb	75%								
		sodium thiocyanate						S	1	gl/1lb	100%								
		potassium cyanate						S	1	pl/1lb	50%								
		potassium ferricyanide						S	1	pl/1lb	50%								
		potassium Ferricyanide						S	2	gl/1lb	100%								
		potassium ferrocyanide						S	1	gl/¼lb	100%								
		potassium ferricyanide						S	1	gl/¼lb	100%								
		ethyl a-cyanocinnamate						S	1	gl/1lb	100%								
		poison liq. mis., cyanide						S	1	gl/1lb	100%								
		sodium cyanide			P106, U003			L	1	pl/500ml	100%								
		cyano ethyl sucrose						L	2	pl/500ml	100%								
		cyanamide						L	1	gl/50g	100%								
		zinc cyanide			P121			S	1	gl/3lbs	100%								
		cyanoguanidine						S	1	gl/500g	50%								
		ethyl cyanoacetate						L	1	gl/1L	50%								
		acetone cyanohydrin						L	1	gl/1L	75%								
		cyclohexylisothiocyanate						L	1	gl/100g	10%								
		potassium cyanide			P098, U003			L	1	pl/1pt	10%								
		potassium thiocyanate						L	1	gl/4oz	100%								
		ethyl sec. butylethylcyanoacetate						L	1	gl/4oz	100%								

*J1 The following wastes are prohibited from alternative labpack treatment standard (INCIN): D009, F019, K003-6, K062, K071, K100, K106, P010-12, P076, P078, U134, U151. Fill out J2

M=Metal, GL=Glass, PL=Plastic, CB=Cardboard, CBT=CB tube, P=Paper

G=Gallon, qt=Quart, pt=Pint, L=Liter, mL=Milliliter, lb=Pound, oz=Ounce, g=Gram, mg=Milligram

Manifest - 0003

PHILIP ENVIRONMENTAL ATTACHMENT TO HAZARDOUS WASTE MANIFEST#

LABPACK/COMMERCIAL PRODUCT PACK

(Circle One)

Page: 1 of 1

Drum # 800-674

Project #:

Date:

Generator: US EPA - Chemco Removal

Drum Type/Size: Metal / 15 gal.

Profile#:

Rec'v. Facility

EPA ID# [illegible]

Total Vol./Wt.

Transporter:

DOT PSN

Constituents (Circle RQ constituent, otherwise specify):

Haz Class [illegible]

DOT ID#:

PG: I

RQ= lb.

Labels:

EPA Codes

State Codes:

Approval:

[illegible]	A	B	C1 [illegible] ID #	C2 Packing Group	D1 EPA Waste Code	D2 EPA Sub Cat	D3 WA [illegible] Waste Code	E Solid Liquid	F # of Cont	G Container Type/Size	H Waste Amount	I DOT RQ (lb)	J1 Land Disposal Restriction: Alt Trt INCIN *	J2 Specified Tech 40 CFR 268.40	J2 Specified Tech Tech Code	J3 Meets Stnd No Trt Req'd	K State Waste Only	L DOT Reg Only	M Non reg Waste Only
		Allyl Alcohol			P005, D001			L	1	GL/1L	90%								
		Acrolein			P003, D001			S	1	GL/1L	90%								
		Brucine			P018			S	1	GL/1oz	100%								
		Pentachlorophenol			F027, D037			L	1	GL/1G	80%								
		Pentachlorophenol			F027, D037			S	1	GL/300g	75%								
		Benzalkonium Chloride						L	1	GL/160ml	90%								
		Tetramethylene Dithiocyanate						L	1	GL/20g	75%								
		Sodium Nitroprusside						S	1	GL/4lb	95%								

* The following wastes are prohibited from alternative labpack treatment standard (INCIN): D009, F019, K003-6, K062, K071, K100, K106, P010-12, P076, P078, U134, U151. Fill out J2

M=Metal, GL=Glass, PL=Plastic, CB=Cardboard, CBT=CB tube, P=Paper

G=Gallon, qt=Quart, pt=Pint, L=Liter, mL=Milliliter, lb=Pound, oz=Ounce, g=Gram, mg=Milligram

MISSOURI DEPARTMENT OF NATURAL RESOURCES
Division of Environmental Quality
Hazardous Waste Program
P O Box 176 Jefferson City, Missouri 65102
314-751-3176

HAZARDOUS WASTE MANIFEST

Form Approved OMB No. ... Expires 9-30-96

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. ... 151 ...
2. Page ...

Information in the shaded areas is not required by State law

3. Generator's Name and Mailing Address
... TOPEKA, KS ...

4. Generator's Phone

5. Transporter 1 Company Name ... INC.
6. US EPA ID Number

7. Transporter 2 Company Name
8. US EPA ID Number

9. Designated Facility Name and Site Address
... KANSAS CITY, ...
10. US EPA ID Number

A. Missouri Manifest Document Number: 034514[redacted]0013
B. G S I (Gen. Site Address): Same
C. MO Trans ID ... 12 0066
D. Transporter's Phone (816)474-1391
E. MO Trans ID
F. Transporter's Phone
G. State Facility's ID: H0019
H. Facility's Phone: (816) 474-1391

11. US DOT Description (including Proper Shipping Name, Hazard Class and ID Number) | 12. Containers (Number, Type) | 13. Total Quantity | 14. Unit Wt/Vol | I. Waste No.

	11. US DOT Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a	WASTE TOXIC LIQUIDS, ORGANIC, N.O.S. (POTASSIUM CYANIDE, SODIUM CYANIDE) 6.1 UN2810 PGI ERG#55 (P098,P104,P106,D003,D011) PROFILE 0006					EPA WASTE CODE: P 10 19 18; STATE: N O N E
b	WASTE TOXIC LIQUIDS, FLAMMABLE, ORGANIC, N.O.S. (ACROLEIN, ARSENIC TRICHLORIDE) 6.1 UN2929 PGI ERG#57 "POISON INHALATION HAZARD" PROFILE 0006					EPA WASTE CODE: D 10 10 11; STATE: N O N E
c						EPA WASTE CODE; STATE
d						EPA WASTE CODE; STATE

J. Additional Descriptions for Materials Listed Above | K. Handling Codes for Wastes Listed Above

	J. Additional Descriptions	K	Interim	Final	Comments
a	P104,P106,D003,D011	a			
b	P003,P005,D004,P018,P108,D037,P069,P027	b			
c		c			
d		d			

15. Special Handling Instructions and Additional Information

EMERGENCY CONTACT NUMBER (800) 474-1391

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and applicable state regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name | Signature | Month Day Year

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials | Date
Printed/Typed Name | Signature | Month Day Year

18. Transporter 2 Acknowledgement of Receipt of Materials | Date
Printed/Typed Name | Signature | Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19. | Date
Printed/Typed Name | Signature | Month Day Year

GENERATOR COPY — PART 6

IMPORTANT: SEE INSTRUCTIONS SHOULD PART 1 & 2 FAIL TO RETURN WITHIN 35 DAYS.

EPA Form 8700-22 (Rev. 9-94) MDNR-HWG 10

MISSOURI DEPARTMENT OF NATURAL RESOURCES
Division of Environmental Quality
Hazardous Waste Program
P.O. Box 176 Jefferson City, Missouri 65102
314-751-3176

HAZARDOUS WASTE MANIFEST

[illegible] SEPARATE SHEET
THIS DOCUMENT MUST BE [illegible] FOR ALL MISSOURI [illegible] SHIPMENTS

EMERGENCY RESPONSE [illegible]

Please print or type [illegible]

Form Approved OMB No 2050-0039 Expires 9-30-96

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. [illegible]
2. Page [illegible] of [illegible]

Information in the shaded areas is required by State law

A. Missouri Manifest Document Number: 0 5 1 5 1 4 [redacted] 0 0 0 4

3. Generator's Name and Mailing Address: [illegible]

B. G.S.I. (Gen Site Address): SAME

4. Generator's Phone: [illegible]

5. Transporter 1 Company Name: [illegible]
6. US EPA ID Number: [illegible]

C. MO Trans ID: [illegible]065
D. Transporter's Phone: (913) 3[illegible]1-6161

7. Transporter 2 Company Name
8. US EPA ID Number

E. MO Trans ID
F. Transporter's Phone

9. Designated Facility Name and Site Address: [illegible]
10. US EPA ID Number: [illegible]

G. State Facility's ID: [illegible]0319
H. Facility's Phone: (816) 474-1391

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)

	11. US DOT Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a	WASTE [illegible], TOXIC, INORGANIC, N.O.S. ([illegible]) [illegible] UN3191 PG[illegible] ([illegible]) PROFILE# [illegible]	1	DF	[illegible]	[illegible]	EPA WASTE CODE: D 0 0 1; STATE: NONE
b	~~[illegible]~~					EPA WASTE CODE: ~~D 0 0 [illegible]~~; STATE
c						EPA WASTE CODE; STATE
d						EPA WASTE CODE; STATE

GENERATOR

J. Additional Descriptions for Materials Listed Above	K.	Handling Codes (Facility Use Only) Interim	Final	Comments
a. D003	a			
b.	b			
c.	c			
d.	d			

15. Special Handling Instructions and Additional Information

EMERGENCY CONTACT NUMBER (816) 474-1391

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Printed/Typed Name	Signature	Month	Day	Year
[illegible]				

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month	Day	Year
[illegible]	[illegible]			

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date Month	Day	Year

FACILITY

19. Discrepancy Indication Space

20. Designated Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Date Month	Day	Year

EPA Form 8700-22 (Rev. 9-94) MDNR-HWG 10

GENERATOR COPY — PART 6

◄ IMPORTANT

SEE INSTRUCTIONS SHOULD PART 1 & 2 FAIL TO RETURN WITHIN 35 DAYS.

[redacted] ATTACHMENT TO HAZARDOUS WASTE MANIFEST ________ Page: 1 of 1

LABPACK/COMMERCIAL PRODUCT PACK Drum# 800 676 Drum type/Size ________ Project# ________ Date ________

Generator: US EPA Chemco Superfund Site Profile# ________

EPA ID#: ________ DOT Proper Shipping Name: ________

Constituents: ________ (Circle RQ constituent, otherwise specify): ________

Haz. Class: ________ Add Label: ________ DOT ID# ________ Packing Group: II RQ= ________ lb. Approval: ________

State Codes:(circle all applicable) WL01 WL02 Other Codes: ________

A	B	C1	C2	C3	D1	D2	D3	E	F	G	H	I
		DOT			EPA		STATE					DOT CERCLA
Item#	Description (chemical and physical)	haz class (sub haz Class)	ID#	Packing Group	Waste Code	SUB CAT	Waste Code	Gas Solid Liquid	# of Cont	Container Type Size	Waste Amount	RQ (lb)
	Sodium Methylate							S	1	G / 1/4 lb	100 /	
	Ferrous Sulphide							S	1	G / 1 lb	70 /	
	Ferrous Sulfide							S	1	G / 500 g	50 /	

The following wastes are prohibited from alternative labpack treatment standard: [illegible]

M=Metal GL=Glass PL=Plastic CB=Cardboard CBT=CB tube P=Paper

[illegible]

MISSOURI DEPARTMENT OF NATURAL RESOURCES
Division of Environmental Quality
Hazardous Waste Program
P.O. Box 176 Jefferson City, Missouri 65102
314-751-3176

HAZARDOUS WASTE MANIFEST

Please print or type. (Form designed for use on elite (12-pitch) typewriter)

Form Approved OMB No. 2050-0039 Expires 9-30-96

UNIFORM HAZARDOUS WASTE MANIFEST

1 Generator's US EPA ID No. [redacted] | Manifest Document No. | 2 Page 1 of 2 | Information in the shaded areas is required by State law

3 Generator's Name and Mailing Address
U.S. [redacted]
[redacted]

A Missouri Manifest Document Number [redacted]

B G S I (Gen. Site Address)
SAME

4 Generator's Phone [redacted]

5 Transporter 1 Company Name [redacted]

6 US EPA ID Number [redacted]

C MO Trans ID H-1749

D Transporter's Phone 816-474-1391

7 Transporter 2 Company Name

8 US EPA ID Number

E MO Trans ID

F Transporter's Phone

9 Designated Facility Name and Site Address
[redacted]

10 US EPA ID Number [redacted]

G State Facility's ID RE0019

H Facility's Phone 816-474-1391

11 US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12 Containers: No.	Type	13 Total Quantity	14 Unit Wt./Vol.	I Waste No.
GENERATOR a. Waste Hydraulic Liquid, N.O.S. (Methyl Ethyl Ketone, Petroleum Oil) 9, UN1993, PGII, ERG#128, Profile# 010495	4	DM	220	G	EPA WASTE CODE D001 STATE NONE
b. Waste Corrosive Liquid, N.O.S. (Ammonium Hydroxide, Sodium Hydroxide) 8, UN1760, PGII, ERG#60, Profile# 010494	3	DM	165	G	EPA WASTE CODE D002 STATE NONE
c. Waste Corrosive Liquid, N.O.S. (Hydrochloric Acid, Sulfuric Acid) 8, UN1760, PGII, ERG#60, Profile# 010493	2	DM	110	G	EPA WASTE CODE D002 STATE NONE
d.					EPA WASTE CODE STATE

J Additional Descriptions for Materials Listed Above	K	HANDLING CODES (FACILITY USE ONLY) STERM	FINAL	COMMENTS
a. 55GDF OP Bulk	a			
b. 55GDF OP Bulk	b			
c. 55GDF OP Bulk	c			
d. XX55 GDF OP Bulk	d			

15 Special Handling Instructions and Additional Information
Emergency Contact Number: 816-474-1391 Job#P0K030

16 GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and applicable state regulations.
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Printed/Typed Name	Signature	Month	Day	Year
[redacted]	[redacted]	03	17	96

TRANSPORTER

17 Transporter 1 Acknowledgement of Receipt of Materials — Date

Printed/Typed Name	Signature	Month	Day	Year
[redacted]	[redacted]			

18 Transporter 2 Acknowledgement of Receipt of Materials — Date

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19 Discrepancy Indication Space

20 Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19 — Date

Printed/Typed Name	Signature	Month	Day	Year

EPA Form 8700-22 (Rev. 9-94) MDNR-HWG 10

GENERATOR COPY — PART 6

◀ IMPORTANT

SEE INSTRUCTIONS SHOULD PART 1 & 2 FAIL TO RETURN WITHIN 35 DAYS.

MISSOURI DEPARTMENT OF NATURAL RESOURCES

Division of Environmental Quality
Hazardous Waste Program
P O Box 176 Jefferson City, Missouri 65102
314-751-3176

HAZARDOUS WASTE MANIFEST

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved OMB No 2050-0039 Expires 9-30-96

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No
Manifest Document No
2. Page 1 of

Information in the shaded areas is required by State law

3. Generator's Name and Mailing Address

4. Generator's Phone

A. Missouri Manifest Document Number [redacted]

B. G S I (Gen Site Address) SAME

5. Transporter 1 Company Name

6. US EPA ID Number

C. MO Trans ID K-1749

D. Transporter's Phone 816-474-1391

7. Transporter 2 Company Name

8. US EPA ID Number

E. MO Trans ID

F. Transporter's Phone

9. Designated Facility Name and Site Address

10. US EPA ID Number

G. State Facility's ID EKG019

H. Facility's Phone 816-474-1391

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No
a. Waste [illegible] Solid, Corrosive, N.O.S. ([illegible]) 8.1 [illegible] PGII ERG# 59 Profile#010491	1	[illegible]		P	EPA WASTE CODE D002; STATE NONE
b. Waste Oxidizing Substance, Solid, N.O.S. (Calcium Hypochlorite) UN1479 5.1 PGII ERG#35 Profile# 010490	1	DF		P	EPA WASTE CODE D001; STATE NONE
c. Waste Flammable Solid, N.O.S. (Sulfur, Calcium Sulfate) 4.1 UN1325 PGII ERG#32 Profile# 010489	[illegible]	DF		P	EPA WASTE CODE D001; STATE NONE
d. Waste Potassium Nitrate 5.1 UN1486 PGIII ERG#35 Profile #010488	1	DF		P	EPA WASTE CODE D001; STATE NONE

J. Additional Descriptions for Materials Listed Above	K. Handling Code (Facility Use Only)	Interim	Final	Comments
a. 55GDF OP Bulk	a			
b. 55GDF OP Bulk	b			
c. 55GDF OP Bulk	c			
d. 55GDF OP Bulk	d			

15. Special Handling Instructions and Additional Information

Emergency Contact Number: 816-474-1391 Job# 96K036

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and applicable state regulations.

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Printed/Typed Name | Signature | Month Day Year

17. Transporter 1 Acknowledgement of Receipt of Materials — Date

Printed/Typed Name | Signature | Month Day Year

18. Transporter 2 Acknowledgement of Receipt of Materials — Date

Printed/Typed Name | Signature | Month Day Year

19. Discrepancy Indication Space

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19 — Date

Printed/Typed Name | Signature | Month Day Year

GENERATOR COPY — PART 6

IMPORTANT ◄ SEE INSTRUCTIONS SHOULD PART 1 & 2 FAIL TO RETURN WITHIN 35 DAYS.

EPA Form 8700-22 (Rev. 9-94) MDNR-HWG 10

MISSOURI DEPARTMENT OF NATURAL RESOURCES
Division of Environmental Quality
Hazardous Waste Program
P.O. Box 176 Jefferson City, Missouri 65102
314-751-3176

HAZARDOUS WASTE MANIFEST

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved OMB No. 2050-0039. Expires 9-30-96

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: [illegible]
Manifest Document No.: [illegible]
2. Page 1 of [illegible]
Information in the shaded areas is required by State law.

3. Generator's Name and Mailing Address: U.S. EPA [illegible] Building [illegible], [illegible] [illegible]
4. Generator's Phone: [illegible]

A. Missouri Manifest Document Number: [illegible] [redacted] [illegible]
B. G.S.I. (Gen. Site Address): Same

5. Transporter 1 Company Name: [illegible]
6. US EPA ID Number: [illegible]
C. MO Trans ID: M-1749 [illegible]
D. Transporter's Phone: (816) 474-1391

7. Transporter 2 Company Name:
8. US EPA ID Number:
E. MO Trans ID:
F. Transporter's Phone:

9. Designated Facility Name and Site Address: [illegible] [illegible] Kansas City, [illegible] 641[illegible]
10. US EPA ID Number: [illegible]
G. State Facility's ID: 816-474-1391
H. Facility's Phone: RR0019

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No
a. Waste Oxidizing Solid, [illegible] ([illegible] Chloride, [illegible] Sulfate) 5.1 UN3085 [illegible] Profile#010467	3	B[illegible]	[illegible]	P	EPA Waste Code: D001; State: NONE
b. Corrosive Solid, Basic, N.O.S. (Sodium Hydroxide, [illegible] Phosphate) 8 NA3262 [illegible] [illegible] Profile#010466	4	[illegible]	1200	P	EPA Waste Code: NONE; State: U99
c. Corrosive Solid, Acidic, Inorganic, N.O.S. (Sodium Bisulfate, [illegible] Sulfate) 8 UN3260 PGII [illegible] Profile#010465	[illegible]	F	[illegible]	P	EPA Waste Code: NONE; State: U99
d. NonRegulated Liquid Profile#010496	4	F	1200	P	EPA Waste Code: NONE; State: NONE

J. Additional Descriptions for Materials Listed Above	K. Handling Code (Facility Use Only) Interim	Final	Comments
a. 55GDF OP Bulk	a		
b. 55GDF OP Bulk	b		
c. 55GDF OP Bulk	c		
d. 55GDF OP Bulk	d		

15. Special Handling Instructions and Additional Information
Emergency Contact Number: 816-474-1391   Job# 96R036

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and applicable state regulations.
If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method available to me that I can afford.

Printed/Typed Name: [illegible] | Signature: [illegible] | Month Day Year: [illegible]

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: [illegible] | Signature: [illegible] | Date: Month Day Year

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Date: Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name | Signature | Date: Month Day Year

GENERATOR COPY — PART 6

◄ IMPORTANT

SEE INSTRUCTIONS SHOULD PART 1 & 2 FAIL TO RETURN WITHIN 35 DAYS.

EPA Form 8700-22 (Rev. 9-94) MDNR-HWG 10

MISSOURI DEPARTMENT OF NATURAL RESOURCES
Division of Environmental Quality
Hazardous Waste Program
P.O. Box 176 Jefferson City, Missouri 65102
314-751-3176

HAZARDOUS WASTE MANIFEST

UNIFORM HAZARDOUS WASTE MANIFEST

1 Generator's US EPA ID No. | Manifest Document No. | 2 Page 1 of | Information in the shaded areas is required by State law

3 Generator's Name and Mailing Address

A Missouri Manifest Document Number

B G S I (Gen S te Address)

4 Generator's Phone

5 Transporter 1 Company Name | 6 US EPA ID Number | C MO Trans ID | D Transporter's Phone

7 Transporter 2 Company Name | 8 US EPA ID Number | E MO Trans ID | F Transporter's Phone

9 Designated Facility Name and Site Address | 10 US EPA ID Number | G State Facility's ID | H Facility's Phone

(816) 474-1391

11 US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12 Containers No.	12 Type	13 Total Quantity	14 Unit Wt./Vol.	I Waste No.
a					EPA WASTE CODE / STATE
b					EPA WASTE CODE / STATE
c					EPA WASTE CODE / STATE
d					EPA WASTE CODE / STATE

GENERATOR

J Additional Descriptions for Materials Listed Above	K HANDLING CODE (FACILITY USE ONLY): STORAGE	FINAL	COMMENTS
a. 55GDF OP BULK	a		
b.	b		
c.	c		
d.	d		

15 Special Handling Instructions and Additional Information

EMERGENCY CONTACT NUMBER: 816-474-1391 JOB#98KU36

16 GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and applicable state regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method available to me that I can afford.

Printed/Typed Name	Signature	Month	Day	Year

TRANSPORTER

17 Transporter 1 Acknowledgement of Receipt of Materials — Date

Printed/Typed Name	Signature	Month	Day	Year

18 Transporter 2 Acknowledgement of Receipt of Materials — Date

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19 Discrepancy Indication Space

20 Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19 — Date

Printed/Typed Name	Signature	Month	Day	Year

EPA Form 8700-22 (Rev. 9-94) MDNR-HWG *0

GENERATOR COPY — PART 6

◀ IMPORTANT

SEE INSTRUCTIONS SHOULD PART 1 & 2 FAIL TO RETURN WITHIN 35 DAYS.

ATTACHMENT 3

Hazardous Waste Manifests

KCCSS

Emergency Contact Telephone Number

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No: K.S.P.0.0.0.0.0.0.6.5.2
Manifest Document No: 0 0 0 0 1
2. Page 1 of 2
Information in the shaded areas is not required by Federal law

3. Generator's Name and Mailing Address
U.S. EPA REGION VII
BUILDING 638, FORBES FIELD
TOPEKA, KS 66620
4. Generator's Phone (913) 551-5000

A. State Manifest Document Number
B. State Generator's ID ~~KSP000000652~~ SK

5. Transporter 1 Company Name: TRI-State Motor Transit
6. US EPA ID Number: MOD095038798
C. State Transporter's ID
D. Transporter's Phone 800-234-8768

7. Transporter 2 Company Name
8. US EPA ID Number
E. State Transporter's ID
F. Transporter's Phone

9. Designated Facility Name and Site Address
[illegible] Facility
[illegible]
[illegible], WA 98671
10. US EPA ID Number: WAD092300250
G. State Facility's ID: WAD092300250
H. Facility's Phone: 360-835-8594

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. X WASTE FLAMMABLE LIQUIDS,TOXIC,N.O.S.(METHANOL, PROPANOL),3 UN1992 ~~PGII~~ ERG# 28 PG I Inhalation Hazard PROFILE# 102577	4	DM	800	P	WL01 D001,U001
b. X WASTE FLAMMABLE SOLIDS, ORGANIC,N.O.S. (NAPTHALENE,CAMPHOR)4.1 UN1325 PGII ERG#3. (D001,U165) PROFILE# 102678	1	DM	200	P	WL02 D001
c. X WASTE WATER REACTIVE,SOLID,FLAMMABLE,N.O.S. (LITHIUM METAL,CALCIUM CARBIDE) 4.3 UN3132 PG I ERG# 40 PROFILE# 102679	1	DM	200	P	WL01 D001
d. X WASTE OXIDIZING LIQUIDS,TOXIC,N.O.S. (LEAD NITRATE,POTASSIUM CHROMATE) 5.1 UN3099 PGII ERG# 44 PROFILE# 102680	4	DM	800	P	WL02 D001

J. Additional Descriptions for Materials Listed Above
a. U002,U031,U053,U057,U056,U077,U083,U108,U125,P064,U194, U239,P023,
b. U165
c. d D003,P122 Line d. D005,D006,D008,D011

K. Handling Codes for Wastes Listed Above
Kansas City Job 96K036

15. Special Handling Instructions and Additional Information
Work order # [illegible]
Emergency contact num: 360-835-8594

16. GENERATOR'S CERTIFICATION: [illegible] this consignment [illegible] for transport by highway [illegible] I have a program in place to reduce the volume [illegible] treatment, storage, or disposal [illegible] OR [illegible] I have made a good faith effort [illegible]

Printed/Typed Name | Signature | Month Day Year

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month Day Year

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest [illegible]

EMERGENCY CONTACT TELEPHONE NUMBER

UNIFORM HAZARDOUS WASTE MANIFEST
(Continuation Sheet)

21. Generator's US EPA ID No.: K S P 0 0 0 0 0 0 0 6 5 2 — Manifest Document No.: 00001

22. Page 2

Information in the shaded areas is not required by Federal law

23. Generator's Name
U.S. EPA REGION VII
BUILDING 636, FORBES FIELD
TOPEKA, KS 66620

L. State Manifest Document Number

M. State Generator's ID

24. Transporter ___ Company Name

25. US EPA ID Number

N. State Transporter's ID

O. Transporter's Phone

26. Transporter ___ Company Name

27. US EPA ID Number

P. State Transporter's ID

Q. Transporter's Phone

	28. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	29. Containers No	29. Containers Type	30. Total Quantity	31. Unit Wt/Vol	R. Waste No.
a	X WASTE TOXIC SOLIDS,ORGANIC,N.O.S. (LEAD CHLORIDE, BARIUM CHLORIDE) 6.1 UN2811 PGII ERG# 53 PROFILE# 102681	12	DM	2400	P	WL01 U187
b	X WASTE TOXIC LIQUIDS,FLAMMABLE,ORGANIC,N.O.S. (METHYLENE CHLORIDE,NICOTINE) 6.1 UN2929 PGII ERG# 57 Poison Inhalation Hazard PROFILE# 102632	6	DM	1200	P	WL01 U063
c	X WASTE CORROSIVE LIQUIDS,FLAMMABLE,N.O.S. (3,4-DICHLORO-1-BUTENE,SULFURIC ACID) 8 UN2920 PGII ERG# 29 PROFILE# 102633	1	DM	200	P	WL01 D002
d	X WASTE CORROSIVE LIQUIDS,FLAMMABLE,N.O.S. (DI-N-BUTYL AMINE,ALCOHOL,POTASSIUM HYDROXIDE) 8 ~~UN2920~~ PGII ERG# 29 UN2920 PROFILE# 102635	1	DM	200	P	WL02 D002
e	X WASTE ENVIRONMENTALLY HAZARDOUS SUBSTANCES,N.O.S. (BARIUM CARBONATE, 2,4-DIMETHYLPHENOL) 9 UN3082 PGIII ERG# 31 PROFILE# 102637	1	DM	200	P	WL02 D005
f	X CORROSIVE SOLIDS,N.O.S. (ALUMINUM CHLORIDE, MALIC ACID) 8 UN1759 PG II ERG# 60 PROFILE# 102684	1	DM	400	P	WL02
g	X CORROSIVE SOLIDS,N.O.S. (BARIUM CARBONATE, SODIUM BICARBONATE) 8 UN1759 PGIII ERG# 60 PROFILE# 102686	1	DM	[illegible]	P	WL02
h						
i						

S. Additional Descriptions for Materials Listed Above
a. D005,U051,U012,U004,U010,P012,D009,D010,P120,P121,D003, U135,D008,D007,P116
b. D003,U080,P075,U138,U063,U070,U071,U012,D005,P014,D001, U141,U353,D009,D001
c. U190,D007,D001,
e. D007,D008,D011,U073,U031,U101

T. Handling Codes for Wastes Listed Above

32. Special Handling Instructions and Additional Information
Emergency contact number [illegible]-835-[illegible]

33. Transporter ___ Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Date: Month Day Year

34. Transporter ___ Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Date: Month Day Year

35. Discrepancy Indication Space

EPA Form 8700-22A (Rev. 9-94) Previous edition is obsolete.

Wa[illegible] 20-FS-C6 (Rev. 9/94)

GENERATOR'S COPY

PHILIP ENVIRONMENTAL ATTACHMENT TO HAZARDOUS WASTE MANIFEST#

LABPACK/COMMERCIAL PRODUCT PACK

Page: 1 of

(Circle One) Drum # 800-610 Project #:

Generator: USEPA Region VII Drum Type/Size: 17H - 55 Profile#: Date:

EPA ID#: KSF 0000006213 Total Vol./Wt. Rec'v. Facility

DOT PSN: Transporter:

Constituents:

Haz Class Poison Solid, DOT ID#: PG: RQ= lb. Labels: (Circle RQ constituent, otherwise specify):

EPA Codes: State Codes: Approval:

PEI use only Disposal Method	A Number	B Description (Chemical & Physical)	C1 DOT ID#	C2 DOT Packing Group	D1 EPA Waste Code	D2 EPA Sub Cat	D3 WA DOE Waste Code	E Solid/Liquid	F # of Cont	G Container Type/Size	H Waste Amount	I DOT RQ (lb)	J1 Land Disposal Restriction Alt. Trt. INCIN *	J2 Land Disposal Restriction Specified Tech. 40 CFR 268.40	J2 Land Disposal Restriction Tech. Code	J3 Land Disposal Restriction Meets Stnd. No Trt. Req'd	K State Waste Only	L DOT Reg Only
		Aniline			U167			S	1	1lb G	1lb							
		2-Acetylaminofluorene						S	1	25g	25g							
		Acrylamide						S	1	1lb	1lb							
		Acrylonitrile						S	1	100g	100g							
		p-Aminodiphenyl						S	1	100g	100g							
		Actinomycin D						S	1	250g	250g							
		Allyl alcohol						S	1	25g	25g							
		Allyl chloride						S	1	10g	10g							
		4-Aminobiphenyl						S	1	10g	10g							
		Amino 2, naphthol Hydrochloride						S	1	100g	100g							
		p-aminobenzoic acid						S	1	4lb	4lb							
		Aminophenol sulfuric acid						S	1	1lb	1lb							
		Anhydrous monomethyl ether						S	1	1lb	½lb							
		Ammonium iodide						S	1	400g	400g							
		Ammonium phosphate dibasic						S	1	100g	75g							
		Antimony potassium tartrate						S	1	400g	400g							
		Acetamide			U187			S	1	250g	250g							
		Anthracene						S	1	500g	250g							
		Aniline						S	1	500g	250g							
		o-Aminophenol						S	1	500g	250g							
		Arsenous Acid			P010 D004			S	1	400g	400g							
		5 bis Amino ethyl isothiouronium -						S	1	300g	150g							
		Bromide Hydrobromide						S	1	1kg	100g							
		Ammonium Bicarbonate						S	1	1kg	1kg							
		Ammonium Fluoride						S	1	500g	300g							
		Ammonium Bromide						S	3	1lb	½lb							
		p-Anisophenethyl Alcol						S	1	300g	150g							
		o-Amino phenol						S	1	1kg	1kg							
		2 Benzoin oxime						S	1	150g	150g							

*J1 The following wastes are prohibited from alternative labpack treatment standard (INCIN): D009, D010, K001-6, K062, K071, K100, K106, P010-12, P076, P078, U134, U151. Fill out J2

M=Metal, GL=Glass, PL=Plastic, CB=Cardboard, CBT=CB tube, P=Paper

G=Gallon, qt=Quart, pt=Pint, L=Liter, mL=Millilter, lb=Pound, oz=Ounce, g=Gram, mg=Milligram

PHILIP ENVIRONMENTAL ATTACHMENT TO HAZARDOUS WASTE MANIFEST# _____ Page: 2 of 4

LABPACK/COMMERCIAL PRODUCT PACK (Circle One) Drum # 800440 Project #: _____ Date: _____

Generator: USEPA Region III Drum Type/Size: 17H/55 Gal Profile#: _____ Rec'v. Facility _____

EPA ID#: KSF000000652 Total Vol./Wt. _____ Transporter: _____

DOT PSN: _____

Constituents: _____ (Circle RQ constituent, otherwise specify): _____

Haz Class: Poison Solid 6.1 DOT ID#: _____ PG: _____ RQ= _____ lb. Labels: _____

EPA Codes: _____ State Codes: _____ Approval: _____

FET use only Disposition	X Item#	B Description (Chemical & Physical)	C1 DOT ID#	C2 DOT Packing Group	D1 EPA Waste Code	D2 EPA Sub Cat	D3 WA DOE Waste Code	E Solid/Liquid	F # of Cont	G Container Type/Size	H Waste Amount	I DOT RQ (lb)	J1 Land Disposal Restriction Alt Trt IN/CIN *	J2 Specified Tech 40 CFR 268.40	J2 Specified Tech Tech Code	J3 Meets Stnd No Trt Req'd	K State Waste Only	L DOT Reg Only	M Non reg Waste Only
		Benzoin						S	1	500g	500g								
		Barium Hydroxide			D003			S	1	500g	500g								
		Barium Sulfate			D005			S	1	1lb	1lb								
		2-Bromoethylamine Hydrobromide						S	1	1lb	1lb								
		Bromethrin						S	1	1lb	1lb								
		Antimony Trioxide						S	2	3lbs	3lbs								
		Biphenyl						S	1	100g	100g								
		(1-Tert-butyl-p-cresol						S	1	1kg	2lbs								
*		1,1 Bis(4-Hydroxy-3-methyl-phenyl)-cyclohexane						S	1	1kg	2lbs								
*		4-Bromothiophenol						S	1	1kg	1kg								
*		1-Bromo-2-nitrobenzene						S	1	1kg	1kg								
		3-Bromopropylamine hydrobromide						S	1	25g	25g								
		p-Bromo-N,N-dimethylaniline						S	1	500g	500g								
		2,2 bipyridine						S	1	100g	100g								
		Bis(Diethylthiocarbamoyl)Disulfide						S	1	25g	25g								
		Bromethrin						S	1	1lb	1lb								
		Bismuth Subnitrate						S	1	500g	500g								
*		2Bromo ethyle methyl ether						S	1	200g	100g								
*		4,4' biphenol						S	1	100g	100g								
*		ethylenediaminetetraacetic acid						S	1	20g	1g								
		ethyl-p-nitrobenzoate						S	1	4oz	4oz								
		ethylenediaminetetraacetic acid potassium salt						S	1	200g	100g								
		Fumaric acid						S	1	1kg	100g								
		Gallic Acid						S	1	600g	500g								
		Gum Acacia						S	1	4oz	4oz								
		Ferrous Sulfate						S	1	1lb	1lb								
								S	1	2kg	500g								

*J1 The following wastes are prohibited from alternative labpack treatment standard (IN/CIN): D009, F019, K003-6, K062, K071, K100, K106, P010-12, P076, P078, U134, U151. Fill out J2

M=Metal, GL=Glass, PL=Plastic, CB=Cardboard, CBT=CB tube, P=Paper

G=Gallon, qt=Quart, pt=Pint, L=Liter, mL=Milliliter, lb=Pound, oz=Ounce, g=Gram, mg=Milligram

(3)

PHILIP ENVIRONMENTAL ATTACHMENT TO HAZARDOUS WASTE MANIFEST# _____ Page: 63 of 4

LABPACK/COMMERCIAL PRODUCT PACK (Circle One) Drum # 800-642 Project #: _____ Date: _____

Generator: USEPA Region VII Drum Type/Size: 17H 55G Profile#: _____ Rec'v. Facility _____

EPA ID#: KSP000000652 Total Vol./Wt. _____ Transporter: _____

DOT PSN: _____

Constituents: _____ (Circle RQ constituent, otherwise specify): _____

Haz Class: Poison solid, n.o.s. DOT ID#: _____ PG: _____ RQ= _____ lb. Labels: _____

EPA Codes: _____ State Codes: _____ Approval: _____

PEI use only Disposition	A Item #	B Description (Chemical & Physical)	C1 DOT ID#	C2 DOT Packing Group	D1 EPA Waste Code	D2 EPA Sub Cat	D3 WA DOT Waste Code	E Solid/Liquid	F # of Cont	G Container Type/Size	H Waste Amount	I DOT RQ (lb)	J1 Land Disposal Restriction All Trt INCIN *	J2 Specified Tech 40 CFR 268.40	J2 Specified Tech Tech Code	J3 Meets Stnd No Trt Req'd	K State Waste Only	L DOT Reg Only	M Non reg Waste Only
		ethylene carbonate						S	1	500g	500g								
		ferrous oxalate						S	1	500g	500g								
		ferric ammonium citrate						S	1	1lb	1lb								
		ferric ammonium citrate						S	1	1kg	1kg								
		ferric ammonium citrate						S	1	½-1lb	½-1lb								
		ferrous sulfate						S	1	12oz	12oz								
		hydrazine sulfate						S	1	100g	500g								
		hydrazine dihydrochloride						S	1	1kg	½-1lb								
		hydrazine dihydrochloride						S	1	100g	100g								
		hydroquinone						S	1	500g	500g								
		hydroquinone						S	1	5lbs	1lb								
		hydroquinone						S	1	500g	500g								
		2-hydroxymethyl-2-methyl-1,3-propanediol						S	1	500g	500g								
		8-hydroxyquinoline-5-sulfonic acid						S	1	100g	100g								
		5-hydroxyisoquinoline						S	1	100g	100g								
		8-quinolinol carbonate						S	1	100g	100g								
		2-hydroxydiphenylsodium salt						S	1	1kg	½-1kg								
		2-hydroxy-4-methylquinoline						S	1	1lb	½-1lb								
		hydroxynaphthol blue						S	1	100g	100g								
		8-hydroxyquinoline acid						S	1	½-1lb	½-1lb								
		8-hydroxyquinoline acid						S	1	50g	50g								
		4-hydroxybenzoic acid						S	1	500g	500g								
		4-hydroxybenzoic acid						S	1	500g	500g								
		4-hydroxybenzoic acid						S	1	100g	100g								
		4,4'-isopropylidenediphenol						S	1	100g	500g								
		3-indolepropionic acid						S	1	25g	25g								
		isopropyl-N-phenylcarbamate						S	1	100g	100g								
		malonic acid						S	1	500g	500g								

*J1 The following wastes are prohibited from alternative labpack treatment standard (INCIN): D009, D019, F003 & K062, K071, K100, K106, P010-12, P076, P078, U134, U151. Fill out J2.

M=Metal, GL=Glass, PL=Plastic, CB=Cardboard, CBT=CB tube, P=Paper

G=Gallon, qt=Quart, pt=Pint, L=Liter, ml=Milliliter, lb=Pound, oz=Ounce, g=Gram, mg=Milligram

PHILIP ENVIRONMENTAL ATTACHMENT TO HAZARDOUS WASTE MANIFEST# (J)

LABPACK/COMMERCIAL PRODUCT PACK (Circle One) Drum # 820640 Project #: _____ Page: 4 of 4

Generator: USEPA Region III Drum Type/Size: 17H 55G Profile#: _____ Date: _____

EPA ID# KSF0000000652 Total Vol./Wt. _____ Rec'v. Facility _____

DOT PSN: _____ Transporter: _____

Constituents: _____ (Circle RQ constituent, otherwise specify): _____

Haz Class Poison Solid, N.O.S. DOT ID#: _____ PG: _____ RQ= _____ lb. Labels: _____

EPA Codes: _____ State Codes: _____ Approval: _____

PEI use only Disposition	A Item #	B Description (Chemical & Physical)	C1 DOT ID#	C2 DOT Packing Group	D1 EPA Waste Code	D2 EPA Sub Cat	D3 WA DOL Waste Code	E Solid/Liquid	F # of Cont	G Container Type/Size	H Waste Amount	I DOT RQ (lb)	J1 Land Disposal Restriction: Alt Trt INCIN *	J2 Specified Tech: 40 CFR 268.40	J2 Specified Tech: Tech Code	J3 Meets Stnd: No Trt Req'd	K State Waste Only	L DOT Reg Only	M Non reg Waste Only
		p-methylaniline phenol sulfate						S	1	2 Kg	2 kg								
		oxalyl dihydrazine						S	1	1 lb	1 lb								
		DL-Methionine						S	1	1 lb	100g								
		chlorahydroquinone						S	1	25 lb	25g								
		calcium phosphate						S	1	120g	120g								
		p-chloraniline						S	1	120g	120g								
		p-chlorathiophenol						S	1	120g	120g								
		4-chloropyridine hydrochloride						S	1	15g	15g								

*J1 The following wastes are prohibited from alternative labpack treatment standard (INCIN): D009, D019, K003,6, K062, K071, K100, K106, P010,12, P076, P078, U134, U151. Fill out J2

M=Metal, GL=Glass, PL=Plastic, CB=Cardboard, CBT=CB tube, P=Paper

G=Gallon, qt=Quart, pt=Pint, L=Liter, ml=Milliliter, lb=Pound, oz=Ounce, g=Gram, mg=Milligram

PHILIP ENVIRONMENTAL ATTACHMENT TO HAZARDOUS WASTE MANIFEST# _____ Page: 1 of 3

LABPACK/COMMERCIAL PRODUCT PACK (Circle One) Drum # 800-641 Project #: _____ Date: _____

Generator: USEPA REGION VII CHEMCO Drum Type/Size: 17H 55 Profile#: _____ Rec'v. Facility _____

EPA ID#: KSF0000006S2 Total Vol./Wt. _____ Transporter: _____

DOT PSN: _____

Constituents: _____ (Circle RQ constituent, otherwise specify): _____

Haz Class: Poison Liquid 6.1 DOT ID#: _____ PG: _____ RQ= _____ lb. Labels: _____

EPA Codes: _____ State Codes: _____ Approval: _____

TEI use only: Disposition	A: Item#	B: Description (Chemical & Physical)	C1: DOT ID#	C2: DOT Packing Group	D1: EPA Waste Code	D2: EPA Sub Cat	D3: WA DOE Waste Code	E: Solid/Liquid	F: # of Cont.	G: Container Type/Size	H: Waste Amount	I: DOT RQ (lb)	J1: Land Disposal Restriction All Trt INCIN *	J2: Specified Tech 40 CFR 268.40	J2: Specified Tech Tech Code	J3: Meets Stnd No Trt Reqd	K: State Waste Only	L: DOT Reg Only	M: Non reg Waste Only
	1	ETHYL α-CYANO-α-CYCLOHEXENYL-BUTYRATE						L	1	GL/Pl 1Kg	10%								
	2	EPICHLORHYDRIN C.P.			U041			L	1	GL 500g	75%								
	3	P-FLUOROANILINE						L	1	GL 500g	60%								
	4	FURFURYL ALCOHOL						L	1	GL 1Kg	75%								
	5	DI-N-HEXYLAMINE						L	1	GL 105g	60%								
	6	Guaiacol						L	1	GL 60g	75%								
	7	Glutaronitrile						L	1	GL 80g	75%								
	8	Lactonitrile						L	1	GL 100g	50%								
	9	Isoquinoline						L	1	GL 100g	80%								
	10	O-Diodotoluene						L	1	GL 25g	15%								
	11	2-Iodooctane						L	1	GL 50g	50%								
	12	2,4-Lutidine						L	1	GL 50g	5%								
	13	(±)-Limonene						L	1	GL 1Kg	50%								
	14	DL-Limonene, pure						L	1	GL 16oz	90%								
	15	N-Methyl Aniline, 97%						L	1	GL 200g	80%								
	16	1-Methylnaphthalene						L	1	GL 60Kg	50%								
	17	Bis(2-methyloxyethyl) phthalate						L	1	GL 500g	60%								
	18	Malononitrile						L	1	GL 100g	80%								
	19	Methylene Chloride			U080			L	1	GL 1L	5%								
	20	2-Chloro-6-phenylphenol						L	1	GL 1Kg	85%								
	21	1-cyclohexenylacetonitrile						L	1	GL 30g	25%								
	22	o-chlorobenzaldehyde						L	1	GL 60g	60%								
	23	2-chloroaniline						L	1	GL 500g	60%								
	24	1-chloro-3-hydroxypropane						L	2	GL 500g	90%								
	25	Chloroacetaldehyde Dimethylacetal						L	1	GL 500g	60%								
	26	Chloroacetonitrile						L	1	GL 25g	40%								
	27	3-chloro-1-propanol						L	1	GL 100g	100%								

*J1 The following wastes are prohibited from alternative labpack treatment standard (INCIN): D009, F019, K003-6, K062, K071, K100, K106, P010-12, P076, P078, U134, U151. Fill out J2

M=Metal, GL=Glass, PL=Plastic, CB=Cardboard, CBT=CB tube, P=Paper

G=Gallon, qt=Quart, pt=Pint, L=Liter, ml=Milliliter, lb=Pound, oz=Ounce, g=Gram, mg=Milligram

(6)

PHILIP ENVIRONMENTAL ATTACHMENT TO HAZARDOUS WASTE MANIFEST#

LABPACK/COMMERCIAL PRODUCT PACK (Circle One) Drum # 800-641 Project #:

Page: 2 of 3

Generator: USEPA CHEMCO REMOVAL Drum Type/Size: 17H 55G Profile#:

Date:

EPA ID#: ITSP000000652 Total Vol./Wt.

Rec'v. Facility

Transporter:

DOT PSN:

Constituents:

Haz Class: Poison Liquid 6.1 DOT ID#: PG: RQ= lb. (Circle RQ constituent, otherwise specify):

EPA Codes: State Codes: Labels:

Approval:

PEI use only	A	B	C1	C2	D1	D2	D3	E	F	G	H	I	J1	J2	J3	K	L	M
			DOT		EPA		WA DOE					DOT	Land Disposal Restriction					
Disposition	Item#	Description (Chemical & Physical)	ID#	Packing Group	Waste Code	Sub Cat	Waste Code	Solid/ Liquid	# of Cont	Container Type/Size	Waste Amount	RQ (lb)	All Trt INCIN *	Specified Tech 40 CFR 268.40	Specified Tech Tech Code	Meets Stnd No Trt Reqd	State Waste Only	DOT Reg Only	Non reg Waste Only
		2,5 Dimethyl Furan						L	1	GL 500g	50%								
		dacyl acrylate inhibited						L	1	GL 50g	100%								
		di-N-butyl sulfite						L	1	GL 200g	35%								
		p-dimethylaminebenzaldehyde						L	1	GL 500g	50%								
		i(bromethyl)benzene						L	1	GL 25g	10%								
		cyclohexanol						L	1	GL 500g	95%								
		cis-decahydronaphthalene						L	1	GL 500g	10%								
		1-decene						L	1	GL 300g	40%								
		decanol						L	1	GL 1L	40%								
		cyclohexyl isothiocyanate						L	1	GL 100g	95%								
		O-dichlorobenzene			U070			L	1	GL 1L	75%								
		N,N-dimethylisobutenylamine						L	1	GL 500g	90%								
		diethyleneglycol diethylether						L	1	GL 50g	30%								
		diamylamine						L	1	GL 100g	100%								
		dibutyl dl-malate						L	1	GL 100g	85%								
		1,6 dibromohexane						L	1	GL 100g	90%								
		p-alpha-dichlorotoluene						L	1	GL 500g	75%								
		1,1 dimethylhydrazine			D001			L	1	GL 300g	65%								
		di-n-octylamine						L	1	GL 100g	20%								
		N,N-dimethylaniline						L	1	GL 500g	85%								
		2,2-dimethylvaleric acid						L	1	GL 1L	40%								
		1,2-diiodotetrafluoroethane						L	1	GL 25g	15%								
		β,β-dihydroxyethylether						L	1	GL 1L	60%								
		O-Cresol						L	1	GL 200g	25%								
		aniline			U012			L	1	GL 500g	100%								
		acetone cyanohydrin						L	1	GL 500g	45%								
		allyl cyanide						L	1	GL 500g	30%								

Removed

*J1 The following wastes are prohibited from alternative labpack treatment standard (INCIN): D009, D019, K003 6, K062, K071, K100, K106, P010 12, P076, P078, U134, U151. Fill out J2

M=Metal, GL=Glass, PL=Plastic, CB=Cardboard, CBT=CB tube, P=Paper

G=Gallon, qt=Quart, pt=Pint, L=Liter, mL=Milliliter, lb=Pound, oz=Ounce, g=Gram, mg=Milligram

PHILIP ENVIRONMENTAL ATTACHMENT TO HAZARDOUS WASTE MANIFEST# (7) Page: 3 of 3

LABPACK/COMMERCIAL PRODUCT PACK (Circle One) Drum # 800641 Project #: Date:

Generator: USEPA CHEMCO REMOVAL Drum Type/Size: 17H 55G Profile#: Rec'v. Facility

EPA ID#: ICSP 000000652 Total Vol./Wt. Transporter:

DOT PSN:

Constituents:

Haz Class: Poison Liquid 6.1 DOT ID#: PG: RQ= lb. Labels:

EPA Codes: State Codes: (Circle RQ constituent, otherwise specify): Approval:

PEI use only Disposition	A Item #	B Description (Chemical & Physical)	C1 DOT ID#	C2 DOT Packing Group	D1 EPA Waste Code	D2 EPA Sub Cat	D3 WA DOE Waste Code	E Solid/Liquid	F # of Cont	G Container Type/Size	H Waste Amount	I DOT RQ (lb)	J1 Land Disposal Restriction All Trt INCIN *	J2 Specified Tech 40 CFR 268.40	J2 Specified Tech Tech Code	J3 Meets Stnd No Trt Req'd	K State Waste Only	L DOT Reg Only	M Non reg Waste Only
		allyl isothiocyanate						L	1	GL 500g	25%								
		(tetramethyl)-2-methyl-						L	1	GL 1pt	100%								
		2-imidazoline, tech.																	
		allyl phenyl ether						L	1	GL 100g	75%								
		acetyl tributyl citrate						L	1	GL 500g	50%								
		acetyl ethyl citrate						L	1	GL 500g	60%								
		o-allyl phenol						L	1	GL 100g	100%								
		o-aminothiophenol						L	1	GL 1L	75%								
		p-bromotoluene						L	1	GL 1L	10%								
		p-bromoethyl benzene						L	1	GL 100g	50%								
		benzonitrile						L	1	GL 400g	75%								
		acetyl acetone						L	1	GL 200g	75%								
		N-Benzylidenemethylamine						L	1	GL 100g	90%								
		Adipyl chloride						L	1	GL 25g	50%								
		n-(β-aminoisobutyl)-						L	1	GL 100g	75%								
		dibutylamine																	
X		arsenic trichloride			D004			L	2	GL ½lb	85%								
		n-butylaniline						L	1	GL 140g	95%								
		n-butyl-p-toluene sulfonate						L	1	GL 200g	90%								
		1,4-Butanediol						L	1	GL 300g	60%								
		Adrenalin						L	1	GL 500g	20%								
		di-n-amyl succinate						L	1	GL 25g	90%								
		Compound benzoin tincture						L	1	GL 1L	2%								
		1,3,5-Bis-(chloromethyl)benzene						L	1	GL 50g	50%								
		Beechwood Creosote						L	1	GL 1gal	25%								

*J1 The following wastes are prohibited from alternative labpack treatment standard (INCIN): D009, F019, K003 6, K062, K071, K100, K106, P010 12, P076, P078, U134, U151. Fill out J2

M=Metal, GL=Glass, PL=Plastic, CB=Cardboard, CBT=CB tube, P=Paper

G=Gallon, qt=Quart, pt=Pint, L=Liter, mL=Millilter, lb=Pound, oz=Ounce, g=Gram, mg=Milligram

PHILIP ENVIRONMENTAL ATTACHMENT TO HAZARDOUS WASTE MANIFEST#

LABPACK/COMMERCIAL PRODUCT PACK (Circle One)

Generator: USEPA Region VII

EPA ID#: KS0000000652

DOT PSN:

Constituents:

Haz. Class: Poison Solid 6.1 DOT ID#: PG: RQ= lb.

EPA Codes: State Codes:

Drum # 800-642

Drum Type/Size: 17H 55G

Total Vol./Wt.:

Project #:

Profile#:

(Circle RQ constituent, otherwise specify):

Labels:

Approval:

Page: 1

Date:

Rec'v. Facility:

Transporter:

PEI use only Disposition	A Item#	B Description (Chemical & Physical)	C1 DOT ID#	C2 DOT Packing Group	D1 EPA Waste Code	D2 EPA Sub Cat	D3 WA DOE Waste Code	E Solid/Liquid	F # of Cont	G Container Type/Size	H Waste Amount	I DOT RQ (lb)	J1 Land Disposal Restriction Alt Trt INCIN *	J2 Specified Tech 40 CFR 268.40	J2 Specified Tech Tech Code	J3 Meets Stnd No Trt Req'd	K State Waste Only
		copper carbonate						S	1	3 lbs	½ lb						
		Calcium fluoride						S	1	2 lbs	1 lb						
		calcium fluoride						S	1	500 g	500 g						
		p-chloroaniline			P024			S	1	500 g	500 g						
		m-chlorobenzoic acid						S	1	25 g	25 g						
		o-chlorobenzonitrile						S	1	100 g	100 g						
		chloramine-T						S	1	1 lb	½ lb						
		4-chloro-2-nitroaniline						S	1	1 lb	½ lb						
		sigma caprolactam						S	1	1 lb	1 lb						
		caffeine						S	1	500 g	500 g						
		caffeine anhydrous						S	1	500 g	500 g						
		2 chloro-4-nitroaniline						S	1	300 g	300 g						
		p-dichlorobenzene			U072			S	2	3 kg	3 kg						
		p-dichlorobenzene			U072			S	1	3 lb	3 lb						
		p-chlorophenoxy acetic acid						S	1	100 g	100 g						
		N,N dimethyl p-nitrosoaniline						S	1	100 g	100 g						
		2,6 diamino pyridine						S	3	100 g	100 g						
		3,4 Dichlorobenzoic acid						S	1	100 g	50 g						
		3,4 Dichlorobenzoic acid						S	1	100 g	100 g						
		L-cysteine HCl						S	1	1 lb	1 lb						
		Dehydroacetic acid						S	1	250 g	250 g						
		3,4 diaminotoluene						S	1	100 g	50 g						
		p-dimethylaminobenzaldehyde						S	1	100 g	100 g						
		p-dichlorobenzene			U072			S	1	500 g	50 g						
		2,5 Di(chloromethyl) p xylene						S	1	1 lb	1 lb						
		2,4 Diamino-6-hydroxy pyrimidine						S	1	100 g	50 g						
		2,3 Dihydroxy pyridine						S	1	100 g	50 g						

*J1 The following wastes are prohibited from alternative labpack treatment standard (INCIN): D009, F019, K003-6, K062, K071, K100, K106, P010-12, P076, P078, U134, U151. Fill out J2

M=Metal, GL=Glass, PL=Plastic, CB=Cardboard, CBT=CB tube, P=Paper

G=Gallon, qt=Quart, pt=Pint, L=Liter, mL=Milliliter, lb=Pound, oz=Ounce, g=Gram, mg=Milligram

(a)

PHILIP ENVIRONMENTAL ATTACHMENT TO HAZARDOUS WASTE MANIFEST#
LABPACK/COMMERCIAL PRODUCT PACK

(Circle One)

Page: 2 of

Generator: USEPA Region VII

EPA ID#: KSD000000652

DOT PSN:

Constituents:

Haz Class: Poison solid 6.1

EPA Codes:

Drum # 820-642

Drum Type/Size: 17H 55G

Total Vol./Wt.:

Project #:

Profile#:

Date:

Rec'v. Facility:

Transporter:

(Circle RQ constituent, otherwise specify):

DOT ID#: PG: RQ= lb. Labels:

State Codes:

Approval:

PEI use only Disposition	A Item#	B Description (Chemical & Physical)	C1 DOT ID#	C2 DOT Packing Group	D1 EPA Waste Code	D2 EPA Sub Cat	D3 WA DOE Waste Code	E Solid/Liquid	F # of Cont	G Container Type/Size	H Waste Amount	I DOT RQ (lb)	J1 Land Disposal Restriction Alt Trt INCIN *	J2 Specified Tech 40 CFR 268.40	J2 Specified Tech Tech Code	J3 Meets Stnd No Trt Req'd	K State Waste Only	L DOT Reg Only
		2,2-Dimethylbenzophenone						S	1	10g	5g							
*		2,3 Dimethylquinoxaline						S	1	10g	10g							
*		4,4 Dibromophenol						S	1	10g	5g							
		5,7 Dibromo-8-hydroxy Quinoline						S	1	10g	5g							
		Dibromonaphthalene						S	1	10g	10g							
		1,3 dimethyl urea						S	1	1Kg	1Kg							
		2,4 Dihydroxy benzoic acid						S	1	1Kg	1Kg							
		2,6 Dimethoxy benzoic acid						S	1	100g	[illegible]							
		2,5 Dimethylbenzene sulfonic acid						S	1	100g	75g							
		2,5 Dichloroaniline						S	1	100g	50g							
		2,4 Dimethylaniline Acetate						S	1	100g	[illegible]							
		2,2 Diethyl-1,3-Propanediol						S	1	225g	225g							
		2,5 Diphenyl-p-Benzoquinone						S	1	100g	50g							
*		2,4 Dinitrophenetole						S	1	25g	25g							
		2,3 Dihydroxy pyridine						S	1	10g	10g							
		4,4' Dimethyl benzophenone						S	1	10g	5g							
		4,6 Di(chloromethyl)m-xylene						S	1	5g	5g							
		4,4 Dihydroxypyrimidine						S	1	5g	5g							
		4,6 Dinitro-o-cresol						S	1	25g	10g							
		Dihydropyrimidine						S	1	25g	25g							
*		Diphenylamine						S	1	100g	100g							
		Diphenylcarbazone indicator						S	1	5g	5g							
		Dithiooxamide						S	1	25g	25g							
		N,N diphenyl-p-phenylenediamine						S	1	1lb	1lb							
*		1,3 diphenylguanidine						S	1	25g	10g							
*		1,1-Diphenyl-2-thiourea						S	1	10g	5g							
		Dimethyl terephthalate						S	1	500g	250g							

*J1 The following wastes are prohibited from alternative labpack treatment standard (INCIN): D009, F019, K003-6, K062, K071, K100, K106, P010-12, P076, P078, U134, U151. Fill out J2

M=Metal, GL=Glass, PL=Plastic, CB=Cardboard, CBT=CB tube, P=Paper

G=Gallon, qt=Quart, pt=Pint, L=Liter, mL=Milliliter, lb=Pound, oz=Ounce, g=Gram, mg=Milligram

(10)

PHILIP ENVIRONMENTAL ATTACHMENT TO HAZARDOUS WASTE MANIFEST#
LABPACK/COMMERCIAL PRODUCT PACK

(Circle One)

Generator: USEPA Region VII

EPA ID#: KBS000006652

DOT PSN:

Constituents:

Haz. Class: Poison Solid 6.1

EPA Codes:

Drum # 800842

Drum Type/Size: 17H 55G

Total Vol./Wt.

Project #:

Profile#:

Date:

Rec'v. Facility

Transporter:

(Circle RQ constituent, otherwise specify):

DOT ID#: PG: RQ= lb. Labels:

State Codes:

Approval:

FEI use only Disposition	A Item#	B Description (Chemical & Physical)	C1 DOT ID#	C2 DOT Packing Group	D1 EPA Waste Code	D2 EPA Sub Cat	D3 WA DOE Waste Code	E Solid/Liquid	F # of Cont	G Container Type/Size	H Waste Amount	I DOT RQ (lb)	J1 Land Disposal Restriction Alt. Trt INCIN *	J2 Specified Tech 40 CFR 268.40	J2 Tech Code	J3 Meets Stnd No Trt Req'd	K State Waste Only	L DOT Reg Only	M Non reg Waste Only
		p-Acetylpyridine						S	1	100g	100g								
		4-Aminoazobenzene sulfonic acid						S	1	100g	100g								
		Amylase						S	1	100g	100g								
		Adamantane						S	1	25g	25g								
		Acriflavine neutral						S	1	25g	10g								
		o-Acetanisidine						S	1	10g	5g								
		5-p Acetylamino phenyl Azo-8 Hydroxyquinoline Hydrochloride						S	1	25g	10g								
		Adenine						S	1	5g	5g								
		2-Aminoethanethiol Hydrochloride						S	1	5g	5g								
		Acetone semicarbazone						S	1	5g	5g								
*		Azelaic Acid						S	1	2Kg	2Kg								
		Anthraldehyde						S	1	100g	40g								
		L-Arginine						S	1	100g	50g								
		L-Arginine hydrochloride						S	1	25g	25g								
		L-Aspartic Acid						S	1	100g	100g								
		L-Arginine						S	3	100g	100g								
		DL Asparagine						S	1	100g	100g								
		2-Amino-5-chlorobenzoic acid						S	1	25g	10g								
		2-Aminobenzothiazole						S	1	5g	5g								
		Boric Acid						S	4	½ lb	½ lb								
		4-Aminopyridine						S	2	100g	100g								
		L-Asparagine						S	1	1g	1g								
		Alumina						S	1	100g	100g								
		2-aminoethane sulfonic acid						S	1	100g	100g								
		5-amino-2,3-dihydro-1,4-phthalazinedione						S	1	5g	5g								
		L-Alanine						S	1	5g	5g								
		Amino pyrazine						S	1	25g	10g								

*J1 The following wastes are prohibited from alternative labpack treatment standard (INCIN): D009, F019, K003-6, K062, K071, K100, K106, P010-12, P076, P078, U134, U151. Fill out J2

M=Metal, GL=Glass, PL=Plastic, CB=Cardboard, CBT=CB tube, P=Paper

G=Gallon, qt=Quart, pt=Pint, L=Liter, mL=Milliliter, lb=Pound, oz=Ounce, g=Gram, mg=Milligram

PHILIP ENVIRONMENTAL ATTACHMENT TO HAZARDOUS WASTE MANIFEST#
LABPACK/COMMERCIAL PRODUCT PACK

(11) Page: 4 of 4

(Circle One)

Generator: USEPA Region VII
EPA ID#: KS8000000652
DOT PSN:
Constituents:
Haz. Class: Poison Solid 6.1
EPA Codes:

Drum # 800-642
Drum Type/Size: 17H 55G
Total Vol./Wt.:

Project #:
Profile#:

Date:
Rec'v. Facility:
Transporter:

(Circle RQ constituent, otherwise specify):
DOT ID#: PG: RQ= lb. Labels:
State Codes:
Approval:

PEI use only: Disposition	A: Item#	B: Description (Chemical & Physical)	C1 DOT: ID#	C2 DOT: Packing Group	D1 EPA: Waste Code	D2 EPA: Sub Cat	D3 WA DOE: Waste Code	E: Solid/Liquid	F: # of Cont	G: Container Type/Size	H: Waste Amount	I DOT: RQ (lb)	J1 Land Disposal Restriction: Alt Trt INCIN *	J2 Specified Tech: 40 CFR 268.40	J2 Specified Tech: Tech Code	J3 Meets Stnd: No Trt Req'd	K: State Waste Only	L: DOT Reg Only	M: Non reg Waste Only
		L. Arabinose						S	1	10g	10g								
		Aluminum sodium sulfate						S	1	1lb	½ lb								
		Aluminum sodium sulfate						S	2	2lb	1lb								
		Aluminum sodium sulfate						S	1	1lb	1lb								
✓		Aluminum Ammonium Sulfate						S	4	5 lbs	3 lbs								
		Aluminum sulfate						S	1	1lb	1lb								
		Aluminum potassium sulfate						S	1	1lb	½ lb								
		Aluminum isopropylate						S	1	500g	500g								
		Aluminum hydroxide						S	1	1lb	½ lb								
		Antimony peroxide						S	1	1lb	1lb								
		Ammonium sulfate						S	1	1kg	½ kg								
		Ammonium sulfate						S	1	1lb	½ lb								
		2 ethyl 2 butyl 1,3 propanediol						S	1	200g	100g								
		Benzoin						S	1	100g	100g								
		N Bromosuccinimide						S	1	25g	25g								
		Bilirubin						S	1	0.5g	0.5g								
✓		Benzohydroxamic Acid						S	1	25g	25g								
		Benzidine hydrochloride						S	1	25g	25g								
		p-bromoaniline						S	1	100g	100g								
		p bromo N-dimethylaniline							1	100g	100g								
		[illegible]						S	1	¼ lb	¼ lb								
		2,4 [illegible] Dihydrochloride						S	1	25g	25g								
		4 bromo 4 nitro ~~[illegible]~~ biphenyl						S	1	5g	5g								
		2 biphenyl carboxylic acid						S	1	25g	25g								
		bismuth oxide						S	1	25g	25g								
		boric acid						S	1	100g	100g								
		benzyl sulfonamide						S	1	1lb	1lb								

*J1 The following wastes are prohibited from alternative labpack treatment standard (INCIN): D009, F019, K003-6, K062, K071, K100, K106, P010-12, P076, P078, U134, U151. Fill out J2

M=Metal, GL=Glass, PL=Plastic, CB=Cardboard, CBT=CB tube, P=Paper

G=Gallon, qt=Quart, pt=Pint, L=Liter, mL=Milliliter, lb=Pound, oz=Ounce, g=Gram, mg=Milligram

PHILIP ENVIRONMENTAL ATTACHMENT TO HAZARDOUS WASTE MANIFEST# (12) Page: 1 of 3

LABPACK/COMMERCIAL PRODUCT PACK (Circle One) Drum # 800-643 Project #: Date:

Generator: USEPA CHEMCO REMOVAL Drum Type/Size: 17H 55G Profile#: Rec'v. Facility

EPA ID#: KY8000000652 Total Vol./Wt. Transporter:

DOT PSN:

Constituents: (Circle RQ constituent, otherwise specify):

Haz Class: Poison Liquid 6.1 DOT ID#: PG: RQ= lb. Labels:

EPA Codes: State Codes: Approval:

PEI use only Disposition	A Item#	B Description (Chemical & Physical)	C1 DOT ID#	C2 DOT Packing Group	D1 EPA Waste Code	D2 EPA Sub Cat	D3 WA DOE Waste Code	E Solid/Liquid	F # of Cont	G Container Type/Size	H Waste Amount	I DOT RQ (lb)	J1 Land Disposal Restriction Alt Trt INCIN *	J2 Specified Tech 40 CFR 268.40	J2 Specified Tech Tech Code	J3 Meets Stnd No Trt Req'd	K State Waste Only	L DOT Reg Only	M Non reg Waste Only
		anhydroennea hepitol						L	1	GL 500g	5%								
		butyl phthalyl butyl glycolate						L	1	GL 500g	95%								
		3-Bromo-1-propanal						L	1	GL 1gal	50%								
		3-bromodiphenyl						L	1	GL 4oz	50%								
		methyl salicylate						L	2	GL 4L	80%								
		glyoxal (oxal aldehyde)						L	1	GL 4L	100%								
		2-ethyl acetate						L	1	GL 4L	55%								
		tricresyl phosphate						L	2	GL 4L	60%								
		(2-chloroethyl) benzene						L	1	GL 1gal	5%								
		collodine symmetrical redistilled						L	1	GL 30ml	5%								
		cycloheptanecarboxylic acid						L	1	GL 1gal	80%								
		chlorodimethyl phenyl silane						L	1	GL 4oz	20%								
		calcium thiosulfate						L	1	GL 5gal	5%								
		calcium disodium ethylene →						L	1	GL 1QT	60%								
		diamine tetra acetate																	
		diamyl amine						L	1	GL 32oz	75%								
		N,N-dibutylformamide						L	1	GL 1L	40%								
		diallyl cyanamide						L	1	GL 1gal	100%								
		dibutyl carbonate						L	1	GL 9oz	20%								
		1,10-dibromodecane						L	1	GL 25g	80%								
		di-n-butyl adipate						L	1	GL 2gal	90%								
		dichlorocarbodicyclopentadiene						L	1	GL 2gal	95%								
		diethyl benzyl malonate						L	1	GL 500g	20%								
		diethyliminodiacetate						L	1	GL 4L	50%								
		dichlorocarbostyrene						L	1	GL 4oz	90%								
		2,5-dimethoxy-2,5-dihydrofuran						L	1	GL 4oz	70%								
		diethyl cyanoethyl phosphonate						L	1	GL 25g	60%								

*J1 The following wastes are prohibited from alternative labpack treatment standard (INCIN): D009, F019, K003-6, K062, K071, K100, K106, P010-12, P076, P078, U134, U151. Fill out J2.

M: Metal, GL=Glass, PL=Plastic, CB: Cardboard, CBT: CB tube, P=Paper

G=Gallon, qt=Quart, pt=Pint, L=Liter, mL=Milliliter, lb=Pound, oz=Ounce, g=Gram, mg=Milligram

PHILIP ENVIRONMENTAL ATTACHMENT TO HAZARDOUS WASTE MANIFEST#

LABPACK/COMMERCIAL PRODUCT PACK (Circle One)

(13)

Generator: USEPA Chemical Removal

EPA ID#: KSP000000652

DOT PSN:

Constituents:

Haz. Class: Poison Liquid 6.1

EPA Codes:

Drum # 800-643

Drum Type/Size: 17H 55G

Total Vol./Wt.:

DOT ID#: PG: RQ= lb.

State Codes:

Project #:

Profile#:

Date:

Rec'v. Facility:

Transporter:

(Circle RQ constituent, otherwise specify):

Labels:

Approval:

PEI use only Dispo sition	A Item#	B Description (Chemical & Physical)	C1 DOT ID#	C2 DOT Packing Group	D1 EPA Waste Code	D2 EPA Sub Cat	D3 WA DOE Waste Code	E Solid/Liquid	F # of Cont	G Container Type/Size	H Waste Amount	I DOT RQ (lb)	J1 Land Disposal Restriction Alt. Trt INCIN *	J2 Specified Tech 40 CFR 268.40	J2 Specified Tech Tech Code	J3 Meets Stnd No Trt Req'd	K. State Waste Only	L. DOT Reg Only	M Non reg Waste Only
		diethyl butyl malonate						L	1	Gl 8oz	50%								
		diethyl formamide						L	1	Gl 200g	100%								
		diethyl malonate						L	1	Gl 150g	40%								
		dimethyl amino hydrochloride						L	1	Gl 1L	50%								
		tert.-butyl thiophenol						L	1	Gl 1L	40%								
		diethyl ethylmalonate						L	1	Gl 500ml	90%								
		diethyl ethylphenylmalonate						L	1	Gl 500ml	30%								
		3,4 dimethyl bromobenzene						L	1	Gl 30g	75%								
		diethyl diethyl malonate						L	1	Gl 500ml	10%								
		ethyl chloroacetate						L	1	Gl 500ml	50%								
		ethyl glycolate						L	1	Gl 8oz	10%								
		hydroxypropyl monopropylate						L	1	Gl 200ml	100%								
		diphenyl methane						L	1	Gl 1L	80%								
		diethyl ethyl-iso-pentylmalonate						L	1	Gl 1L	25%								
		erucic ~~acid~~ acid						L	1	Gl 1L	10%								
		diethyl isobutyl malonate						L	1	Gl 2oz	85%								
		ethyl malonate						L	1	Gl 1L	50%								
		sodium thiosulfate pH=5						L	1	pl 1L	95%								
		1-octodecene						L	1	Gl 1L	60%								
		isobutyl chloroformate						L	1	Gl 4oz	25%								
		chlorocyclohexane						L	1	Gl 80g	70%								
		1,3-dichloro-2-propanol						L	1	Gl 2L	100%								
		benzenethiol			D001			L	1	Gl 500g	80%								
		tridecanol						L	1	Gl 500ml	60%								
		methyl butyrate						L	1	Gl 50g	30%								
		ethyl cyanoformate						L	1	Gl 100g	70%								
		1,2 dibromoethane						L	1	Gl 500ml	50%								

* J1 The following wastes are prohibited from alternative labpack treatment standard (INCIN): D009, F019, K003-6, K062, K071, K100, K106, P010-12, P076, P078, U134, U151. Fill out J2

M=Metal, Gl=Glass, PL=Plastic, CB=Cardboard, CBT=CB tube, P=Paper

G=Gallon, qt=Quart, pt=Pint, L=Liter, ml=Milliliter, lb=Pound, oz=Ounce, g=Gram, mg=Milligram

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PHILIP ENVIRONMENTAL ATTACHMENT TO HAZARDOUS WASTE MANIFEST# _____ Page: 3 of 3

LABPACK/COMMERCIAL PRODUCT PACK (Circle One) Drum # 820-643 Project #: _____ Date: _____

Generator: USEPA Chemical Removal Drum Type/Size: 17H 55G Profile#: _____ Rec'v. Facility _____

EPA ID#: KSP000000653 Total Vol./Wt. _____ Transporter: _____

DOT PSN: _____

Constituents: _____ (Circle RQ constituent, otherwise specify): _____

Haz Class: Poison Liquid Gen DOT ID#: _____ PG: _____ RQ= _____ lb. Labels: _____

EPA Codes: D _____ State Codes: _____ Approval: _____

FEI use only: Disposition	A: Item #	B: Description (Chemical & Physical)	C1: DOT ID#	C2: DOT Packing Group	D1: EPA Waste Code	D2: EPA Sub Cat	D3: WA DOE Waste Code	E: Solid/Liquid	F: # of Cont	G: Container Type/Size	H: Waste Amount	I: DOT RQ (lb)	J1: Land Disposal Restriction — AR Trt INCIN *	J2: Specified Tech — 40 CFR 268.40	J2: Specified Tech — Tech Code	J3: Meets Stnd — No Trt Reqd	K: State Waste Only	L: DOT Reg Only	M: Non reg Waste Only
		n-propyl acetate						L	1	GL 1L	70%								
		chloro-2-propanone w/ calcium carbonate						L	1	GL 20mL	40%								
		sodium phosphate, monobasic, anhydrous						L	1	PL 1L	100%								
		pentanol						L	1	GL 2L	70%								
		2,2,4 Trimethyl-1,3-pentanediol methacrylate						L	1	GL 500mL	85%								
		2-methoxyethyl-p-toluene sulfonate						L	1	GL 100g	50%								
		dibromomethane						L	1	GL 25g	70%								

*J1 The following wastes are prohibited from alternative labpack treatment standard (INCIN): D009, D019, K003 6, K062, K071, K100, K106, P010 12, P076, P078, U134, U151. Fill out J2

M=Metal, GL=Glass, PL=Plastic, CB=Cardboard, CBT=CB tube, P=Paper

G=Gallon, qt=Quart, pt=Pint, L=Liter, mL=Milliliter, lb=Pound, oz=Ounce, g=Gram, mg=Milligram

(13)

PHILIP ENVIRONMENTAL ATTACHMENT TO HAZARDOUS WASTE MANIFEST#

LABPACK/COMMERCIAL PRODUCT PACK (Circle One)

Generator: USEPA Chemico Removal
EPA ID#: KSP080000652
DOT PSN:
Constituents:
Haz Class: Poison Liquid 6.1
EPA Codes:

Drum #: 800-644
Drum Type/Size: 17H 55G
Total Vol./Wt.:

Project #:
Profile#:

Date:
Rec'v. Facility:
Transporter:

(Circle RQ constituent, otherwise specify):

DOT ID#: PG: RQ= lb. Labels:

State Codes:

Approval:

PH use only Disposition	A Item#	B Description (Chemical & Physical)	C1 DOT ID#	C2 DOT Packing Group	D1 EPA Waste Code	D2 EPA Sub Cat	D3 WA DOE Waste Code	E Solid/Liquid	F # of Cont	G Container Type/Size	H Waste Amount	I DOT RQ (lb)	J1 Land Disposal Restriction Alt Trt INCIN *	J2 Specified Tech 40 CFR 268.40	J2 Specified Tech Tech Code	J3 Meets Stnd No Trt Req'd	K State Waste Only	L DOT Reg Only	M Non reg Waste Only
		trimethylene chlorobromide						L	1	Gl 1Kg	60%								
		1-bromooctane						L	1	Gl 500ml	80%								
		KCL sat. w/ AgCl (electrode filling solution)						L	2	pl 500ml	60%								
		EDTA titrat. sol.						L	1	pl 1L	30%								
		~~2-ethyl 2-butyl 1,3 propanediol~~ HC						~~L~~	~~1~~	~~Gl~~	~~[illegible]~~								
		Monochlorobenzene						L	1	Gl 1gal	70%								
		Mineral Oil, wht. pure						L	1	Gl 4L	60%								
		Collodion Flexible						L	1	Gl 4L	15%								
		Oleic Acid						L	4	Gl 4L	1-50%								
		Gluconic Acid						L	1	Gl 4L	60%								
		Ethyl Anisate						L	1	Gl 4oz	1%								
		diethyl succinate						L	1	Gl 4oz	1%								
		ethyl nicotinate						L	1	Gl 2oz	20%								
		ethyl furylacrylate						L	1	Gl 2oz	50%								
		ethyl-2-thiophenecarboxylate						L	1	Gl 25ml	40%								
		~~pentachlorophenol~~		Pull Out				~~L~~	~~1~~	~~Gl 1gal~~	~~75%~~			HC					
		methylcyanimide						L	1	Gl 1L	45%								
		m-Toluidine						L	1	Gl 1kg	70%								
		Linoleic Acid						L	1	Gl 1L	100%								
		phosphate test solution #1						L	1	pl 250ml	40%								
		nickel chloride						L	1	Gl 250ml	60%								
		Litmus Solution						L	1	Gl 500ml	100%								
		Lepidine						L	1	Gl 100ml	60%								
		Cis-3-hexen-1-ol						L	1	Gl 10g	40%								
		glyceryl tributyrate						L	1	Gl 25g	15%								

*J1 The following wastes are prohibited from alternative labpack treatment standard (INCIN): D009, F019, K003-6, K062, K071, K100, K106, P010-12, P076, P078, U134, U151. Fill out J2

M=Metal, GL=Glass, PL=Plastic, CB=Cardboard, CBT=CB tube, P=Paper

G=Gallon, qt=Quart, pt=Pint, L=Liter, mL=Milliliter, lb=Pound, oz=Ounce, g=Gram, mg=Milligram

PHILIP ENVIRONMENTAL ATTACHMENT TO HAZARDOUS WASTE MANIFEST#

LABPACK/COMMERCIAL PRODUCT PACK (Circle One)

Page: 2 of 2

Generator: USEPA CHEMCO Removal

EPA ID#: IKSF000000652

DOT PSN:

Constituents:

Haz Class: Corrosive Liquid 6.1 DOT ID#: PG: RQ= lb.

EPA Codes: State Codes:

Drum #: 200-644 Drum Type/Size: 17H 55G Total Vol./Wt.:

Project #: Profile#:

Date: Rec'v. Facility: Transporter:

(Circle RQ constituent, otherwise specify):

Labels:

Approval:

PEI use only	A	B	C1	C2	D1	D2	D3	E	F	G	H	I	J1	J2		J3	K	L	M
			DOT		EPA		WA DOE					DOT	Land Disposal Restriction						
Disposition	Item#	Description (Chemical & Physical)	ID#	Packing Group	Waste Code	Sub Cat	Waste Code	Solid/ Liquid	# of Cont	Container Type/Size	Waste Amount	RQ (lb)	Alt Trt IN(CIN) *	Specified Tech 40 CFR 268.40	Tech Code	Meets Stnd No Trt Req'd	State Waste Only	DOT Reg Only	Non reg Waste Only
		Hexafluoroacetylacetone						L	1	Gl 20z	40%								
		n-octyl thiocyanate						L	1	Gl 20z	30%								
		glycolaldehyde						L	1	Gl 250ml	85%								
		Grams Safranin						L	2	Gl 16oz	90%								
		Magnesium chloride						L	1	Gl 1lb	40%								
		" "						L	1	Gl 114g	20%								
		iso-pentyl acetate, refined						L	1	Gl 100g	90%								
		p-phenoxybenzoyl chloride						L	1	Gl 10g	80%								
		2-phenoxybutyrate						L	1	Gl 10g	50%								
		00-Nitrophenetole						L	1	Gl 20g	50%								
*		potassium arsenite solution						L	1	Gl 1L	50%								
		triphenyl phosphite						L	1	Gl 250g	30%								
		triolein						L	1	Gl 100ml	90%								
		n-vinyl-2-pyrrolidone						L	1	Gl 100g	80%								
		phosphate test solution #2						L	1	pl 16oz	70%								
		tert-octyl isothiocyanate						L	1	Gl 2oz	80%								

* not on list provided

*J1 The following wastes are prohibited from alternative labpack treatment standard (INCIN): D009, F019, K003 6, K062, K071, K100, K106, P010 12, P076, P078, U134, U151. Fill out J2

M: Metal, GL=Glass, PL=Plastic, CB=Cardboard, CBT=CB tube, P=Paper

G=Gallon, qt=Quart, pt=Pint, L=Liter, mL=Milliliter, lb=Pound, oz=Ounce, g=Gram, mg=Milligram

PHILIP ENVIRONMENTAL ATTACHMENT TO HAZARDOUS WASTE MANIFEST# _____ (17) Page: 1 of 3

LABPACK/COMMERCIAL PRODUCT PACK (Circle One) Drum # 800-645 Project #: _____ Date: _____

Generator: U.S. EPA : Chemco Superfund Site Drum Type/Size: 71H 55G Profile#: _____ Rec'v. Facility _____

EPA ID#: KSF000000652 Total Vol./Wt. _____ Transporter: _____

DOT PSN: _____

Constituents: _____ (Circle RQ constituent, otherwise specify): _____

Haz Class: FLAMMABLE LIQUIDS III DOT ID#: _____ PG: _____ RQ= _____ lb. Labels: _____

EPA Codes: _____ State Codes: _____ Approval: _____

PEI use only Disposal Codes	A Item #	B Description (Chemical & Physical)	C1 DOT ID#	C2 DOT Packing Group	D1 EPA Waste Code	D2 EPA Sub Cat	D3 WA DOE Waste Code	E Solid/Liquid	F # of Cont	G Container Type/Size	H Waste Amount	I DOT RQ (lb)	J1 Land Disposal Restriction All Trt INCIN *	J2 Specified Tech 40 CFR 268.40	J2 Specified Tech Tech Code	J3 Meets Stnd No Trt Req'd	K State Waste Only	L DOT Reg Only	M Non reg Waste Only
		Flammable liq. nos, (hazcat)			D001			L	1	GL/1G	25%							
		Flammable liq, nos, (hazcat)			D001			L	1	GL/1G	100%							
		Flammable liq, nos, (hazcat)			D001			L	1	GL/1G	100%							
		Flammable liq, nos, (hazcat)			D001			L	1	GL/1G	100%							
		Flammable liq, nos, (hazcat)			D001			L	1	GL/1G	50%							
		Butylamine			D001			L	1	GL/1G	25%							
		Flammable liq. nos (hazcat)			D001			L	1	GL/1G	100%							
		Propanol			D001			L	1	PL/1G	25%							
		Phenyl Ether, Practical			D001			L	1	GL/1G	50%							
		Flammable liq, nos (hazcat)			D001			L	1	GL/1qt	25%							
		Flammable liq, nos. (hazcat)			D001			L	1	GL/1qt	100%							
		Flammable liq, nos, (hazcat)			D001			L	1	GL/1qt	100%							
		Flammable liq, nos. (hazcat)			D001			L	1	GL/1qt	25%							
		Flammable liq nos (hazcat)			D001			L	1	GL/1qt	100%							
		Hexyl Acetate			D001			L	1	GL/1qt	25%							
		2-Butoxyethanol, practical						L	1	GL/1qt	100%							
		chlorotoluene			D001			L	1	GL/1qt	100%							
		ethyl Formate			D001			L	1	GL/1qt	25%							
		balsam Fir Canada resin in xylol			D001			L	1	GL/1qt	100%							
		acetaldehyde			D001, U001			L	1	GL/1qt	50%							
		2-Furaldehyde						L	1	GL/1qt	100%							
		2-(2-n butoxyethoxy) ethanol						L	1	GL/1qt	75%							
		isopropyl acetate, practical			D001			L	1	GL/1qt	75%							
		4,4-dimethoxy-2-butanone			D001			L	1	GL/1qt	50%							
		iso-octane			D001			L	1	GL/2qt	50%							
		isobutyraldehyde			D001			L	1	GL/2qt	50%							
		tert. amyl alcohol			D001			L	1	GL/2qt	50%							

*J1 The following wastes are prohibited from alternative labpack treatment standard (INCIN): D009, F019, K003 6, K062, K071, K100, K106, P010 12, P076, P078, U134, U151. Fill out J2

M: Metal, GL: Glass, PL=Plastic, CB=Cardboard, CBT=CB tube, P=Paper

G=Gallon, qt=Quart, pt=Pint, L=Liter, ml=Milliliter, lb=Pound, oz=Ounce, g=Gram, mg=Milligram

PHILIP ENVIRONMENTAL ATTACHMENT TO HAZARDOUS WASTE MANIFEST#
LABPACK/COMMERCIAL PRODUCT PACK (Circle One)

(18)

Generator: U.S. EPA CHEMICO SUPERFUND SITE
Drum # 800-645
Project #:
Date:

EPA ID#: KSP 000000 652
Drum Type/Size: D7H 55G
Profile#:
Rec'v. Facility

DOT PSN:
Total Vol./Wt.
Transporter:

Constituents:
(Circle RQ constituent, otherwise specify):

Haz Class: FLAMMABLE LIQUIDS III
DOT ID#:
PG:
RQ= lb.
Labels:

EPA Codes:
State Codes:
Approval:

Fei use only / Disposition	A Item #	B Description (Chemical & Physical)	C1 DOT ID#	C2 DOT Packing Group	D1 EPA Waste Code	D2 EPA Sub Cat	D3 WA DOE Waste Code	E Solid/Liquid	F # of Cont	G Container Type/Size	H Waste Amount	I DOT RQ (lb)	J1 Land Disposal Restriction Alt Trt INCIN *	J2 Specified Tech 40 CFR 268.40	J2 Specified Tech Tech Code	J3 Meets Stnd No Trt Req'd	K State Waste Only	L DOT Reg Only	M Non reg Waste Only
		Flammable liq, nos. (hazcat)			D001			L	1	GL/1pt	25%								
		Furfuryl acetate						L	1	gl/1pt	100%								
		4-vinyl cyclohexene-1			D001			L	1	gl/1pt	50%								
		2-3 dimethylbutane			D001			L	1	gl/1pt	25%								
		benzotrifluoride			D001			L	1	gl/1pt	100%								
		4-chloro-1-butanol						L	1	gl/1pt	100%								
		2-propyl-1-heptanol						L	1	gl/1pt	100%								
		2 ethylhexyl acetate						L	1	gl/1pt	25%								
		Furfural			D001			L	1	gl/1pt	100%								
		cedarwood oil						L	1	gl/1pt	100%								
		dipentene			D001			L	1	gl/1pt	25%								
		2-carbethoxycyclohexanone			D001			L	1	gl/5g	25%								
		Iso-butyl isobutrate			D001			L	1	gl/10g	50%								
		bromomethane			D001			L	1	gl/100g	100%								
		2-3 Dichlorobutane			D001			L	1	gl/40g	100%								
		1,5 Bromopentane			D001			L	1	gl/50g	100%								
		4-hydroxy-4-methyl-2-pentanone			D001			L	1	gl/50g	100%								
		2-decalone						L	1	gl/50g	100%								
		4-hydroxy-2-butanone			D001			L	1	gl/60g	100%								
		n-butyllaurate			D001			L	1	gl/50g	100%								
		4-chlorobutylacetate			D001			L	1	gl/100g	100%								
		4-hydroxy-2-butanone			D001			L	1	gl/100g	100%								
		1,5-dibromopentane			D001			L	1	gl/25g	50%								
		benzyl Formate			D001			L	1	gl/40g	40%								
		balsam, canada						L	1	gl/100g	100%								
		2-Bromo-p-Xylene			D001			L	1	gl/100ml	90%								
		Iodobenzene			D001			L	1	gl/100g	50%								

*J1 The following wastes are prohibited from alternative labpack treatment standard (INCIN): D009, F019, K003-6, K062, K071, K100, K106, P010-12, P076, P078, U134, U151. Fill out J2

M=Metal, GL=Glass, PL=Plastic, CB=Cardboard, CBT=CB tube, P=Paper

G=Gallon, qt=Quart, pt=Pint, L=Liter, ml=Milliliter, lb=Pound, oz=Ounce, g=Gram, mg=Milligram

PHILIP ENVIRONMENTAL ATTACHMENT TO HAZARDOUS WASTE MANIFEST# _____ (19) Page: 3 of

LABPACK/COMMERCIAL PRODUCT PACK (Circle One) Drum # 800-645 Project #: _____ Date: _____

Generator: USEPA: Chemco Superfund Site Drum Type/Size: 17H 55g Profile#: _____ Rec'v. Facility _____

EPA ID#: KSP 000000652 Total Vol./Wt. _____ Transporter: _____

DOT PSN: _____

Constituents: _____ (Circle RQ constituent, otherwise specify): _____

Haz Class: Flammable liquids III DOT ID#: _____ PG: _____ RQ= _____ lb. Labels: _____

EPA Codes: _____ State Codes: _____ Approval: _____

Lab use only	A	B	C1	C2	D1	D2	D3	E	F	G	H	I	J1	J2		J3	K	L
			DOT		EPA		WA DOE					DOT	Land Disposal Restriction					
Disposition	Item #	Description (Chemical & Physical)	ID#	Packing Group	Waste Code	Sub Cat	Waste Code	Solid/ Liquid	# of Cont	Container Type/Size	Waste Amount	RQ (lb)	Alt Trt IN/CIN *	Specified Tech 40 CFR 268.40	Specified Tech Tech Code	Meets Stnd No Trt Reqd	State Waste Only	DOT Reg Only
		2-p-Chlorophenoxy Ethanol			D001			L	1	gl/30g	30%							
		4-acetoxy-2-butanone			D001			L	1	gl/50g	30%							
		methyl isothiocyanate			D001			L	1	gl/10g	100%							
		flammable liq, na, (hg cat)			D001			L	1	gl/1pt	100%							
		2-2-dibutoxypropane			D001			L	1	gl/50g	50%							
		butyl benzene			D001			L	1	gl/10g	100%							
		carbol fuchsin			D001			L	1	gl/100g	50%							
		CC flammable liq nos, (hg cat)			D001			L	1	gl/50g	100%							
		flammable liq nos (hg cat)			D001			L	1	gl/1pt	35%							
		flammable liq nos (hg cat)			D001			L	1	gl/1pt	25%							
		flammable liq nos (hg cat)			D001			L	1	pl/1pt	50%							
		flammable liq nos (hg cat)			D001			L	1	gl/5g	100%							
		flammable liq nos (hg cat)			D001			L	1	gl/30g	100%							
		flammable liq, nos (hg cat)			D001			L	1	gl/1pt	25%							
		Flammable liq, nos (hg cat)			D001			L	1	M/1gt	100%							
		flammable liq, nos (hg cat)			D001			L	1	M/1gt	100%							
		Flammable liq nos, (hg cat)			D001			L	1	M/1gt	100%							

*J1 The following wastes are prohibited from alternative labpack treatment standard (IN/CIN): D009, F019, K003-6, K062, K071, K100, K106, P010-12, P076, P078, U134, U151. Fill out J2

M=Metal, GL=Glass, PL=Plastic, CB=Cardboard, CBT=CB tube, P=Paper

G=Gallon, qt=Quart, pt=Pint, L=Liter, ml=Milliliter, lb=Pound, oz=Ounce, g=Gram, mg=Milligram

PHILIP ENVIRONMENTAL ATTACHMENT TO HAZARDOUS WASTE MANIFEST#
LABPACK/COMMERCIAL PRODUCT PACK (Circle One)

Generator: U.S. EPA Region VII

EPA ID#: KSP000000652

DOT PSN:

Constituents:

Haz Class: 6.1 Poison Solid

EPA Codes:

Drum #: 800-646

Drum Type/Size: 17H 55G

Total Vol./Wt.:

DOT ID#: PG: RQ= lb.

State Codes:

Project #:

Profile#:

(Circle RQ constituent, otherwise specify):

Labels:

Approval:

Date:

Rec'v. Facility

Transporter:

PEI use only Disposition	A Item #	B Description (Chemical & Physical)	C1 DOT ID#	C2 DOT Packing Group	D1 EPA Waste Code	D2 EPA Sub Cat	D3 WA DOE Waste Code	E Solid/Liquid	F # of Cont	G Container Type/Size	H Waste Amount	I DOT RQ (lb)	J1 Land Disposal Restriction Alt Trt INCIN *	J2 Specified Tech 40 CFR 268.40	J2 Specified Tech Tech Code	J3 Meets Std No Trt Req'd	K State Waste Only	L DOT Reg Only	M Non reg Waste Only
		ascorbic acid						S	1	2.5Kg	2Kg								
		Sodium [illegible] phosphate						S	1	10lb	3lb								
		[illegible] hydrazine						S	1	20g	8g								
		Ammonium Acetate						S	1	5lbs	5lbs								
		Ammonium Acetate						S	1	5lb	1lb								
		Ammonium Sulfate						S	1	5lbs	4lbs								
		Ammonium Sulfite						S	1	3lbs	1lb								
		Ammonium Sulfate						S	8	1lb	1lb								
		Ammonium Oxalate						S	1	3Kg	1Kg								
		Ammonium Acetate						S	2	1lb	1lb								
		Ammonium Sulfate						S	1	1lb	½lb								
		Bismuth Subgallate						S	1	¼lb	¼lb								
		Bismuth Subsalicylate						S	1	5lb	5lb								
		Benzoin						S	1	250g	25g								
		Baralyme						S	1	1lb	1lb								
		Butylated Hydroxy Toluene						S	1	1kg	½kg								
		Ammonium thiosulfate						S	4	[illegible]	[illegible]								
		Ammonium phosphate						S	1	1lb	1lb								
		Ammonium thiosulfate						S	1	1lb	1lb								
		Ammonium Sulfamate						S	1	1lb	½lb								
		Ammonium phosphate monobasic						S	1	1lb	1lb								
		murexide						S	1	5g	5g								
		benzotriazole						S	1	10g	[illegible]								
		benzyl-p hydroxy benzoate						S	1	100g	100g								
		bismuth subcarbonate						S	1	100g	100g								
		o-biphenyl carboxylic acid						S	1	100g	100g								
		1,4 bis(chloromethyl) benzene						S	1	100g	100g								

*J1 The following wastes are prohibited from alternative labpack treatment standard (INCIN): D009, F019, K003-6, K062, K071, K100, K106, P010-12, P076, P078, U134, U151. Fill out J2

M=Metal, GL=Glass, PL=Plastic, CB=Cardboard, CBT=CB tube, P=Paper

G=Gallon, qt=Quart, pt=Pint, L=Liter, mL=Milliliter, lb=Pound, oz=Ounce, g=Gram, mg=Milligram

PHILIP ENVIRONMENTAL ATTACHMENT TO HAZARDOUS WASTE MANIFEST#
LABPACK/COMMERCIAL PRODUCT PACK (Circle One)

(21) Page: 2 of 2

Generator: USEPA Region VII
EPA ID#: KSP000000652
DOT PSN:
Constituents:
Haz. Class 6.1 Poison Solid
EPA Codes:

Drum # 820646
Drum Type/Size: 17H 55G
Total Vol./Wt.

Project #:
Profile#:

Date:
Rec'v. Facility
Transporter:

(Circle RQ constituent, otherwise specify):
DOT ID#: PG: RQ= lb. Labels:
State Codes:
Approval:

PEI use only Disposition	A Item#	B Description (Chemical & Physical)	C1 DOT ID#	C2 DOT Packing Group	D1 EPA Waste Code	D2 EPA Sub Cat	D3 WA DOE Waste Code	E Solid/Liquid	F # of Cont	G Container Type/Size	H Waste Amount	I DOT RQ (lb)	J1 Land Disposal Restriction Alt Trt INCIN *	J2 Specified Tech 40 CFR 268.40	J2 Specified Tech Tech Code	J3 Meets Stnd No Trt Req'd	K State Waste Only	L DOT Reg Only	M Non reg Waste Only
		Phenyl 4 nitrobenzoate						S	1	100g	100g								
		2,3 butanedione-2 oxime						S	1	25g	20g								
		4 Bromophenol						S	1	25g	20g								
		Bismuth Carbonate						S	1	100g	100g								
		Cadmium Sulfide			D006			S	1	1lb	½lb								
		Cadmium metal			D006			S	1	42g	20g								
		Cesium						S	1	500g	450g								
		Barium Hydroxide						S	1	1lb	1lb								
		Cardamom fruit						S	1	1lb	½lb								
		Calcium Lactate						S	1	1lb	½lb								
		Calcium phosphate dibasic						S	1	100g	100g								
		Caffeine						S	1	500g	500g								
		Benzoate						S	1	1lb	1lb								
		Cobalt oxide						S	1	4lb	1lb								
		4 chloro-o-phenylphenol						S	1	100g	70g								
		Creosol						S	1	100g	50g								
		Chloramine T						S	1	1lb	1lb								
		L cystine						S		1g	1g								
		2 chlorophenyl isothiocyanate						S	1	5g	5g								
		1,4 cyclohexanediamine						S	1	3g	3g								
		p-Dimethylaminobenzylidene rhodanine						S	1	3g	1g								
		5,5 dimethyl-2,4 oxazolidinedione						S	1	1g	1g								
		Calcium iodate						S	1	1lb	½lb								
		3,3 dihydroxy 5,5 ... diphenyl sulfide						S	1	1oz	1oz								
		2,4 DIAMINO-6 Hydroxy PYRIMIDINE Monohydrate						S	1	100G	75G								
		CUPRIC BROMIDE						S	3	¼LB	¾LB								
		2,6 DIBROMO QUINONE-4-CHLOROIMIDE						S	1	10g	10g								

*21 The following wastes are prohibited from alternative labpack treatment standard (INCIN): D009, F019, K003-6, K062, K071, K100, K106, P010-12, P076, P078, U134, U151. Fill out J2

M=Metal, GL=Glass, PL=Plastic, CB=Cardboard, CBT=CB tube, P=Paper

G=Gallon, qt=Quart, pt=Pint, L=Liter, ml=Milliliter, lb=Pound, oz=Ounce, g=Gram, mg=Milligram

PHILIP ENVIRONMENTAL ATTACHMENT TO HAZARDOUS WASTE MANIFEST# (22) Page: 1 of 3

LABPACK/COMMERCIAL PRODUCT PACK (Circle One) Drum # 800-647 Project #: Date:

Generator: USEPA Region VII Drum Type/Size: 17H 55G Profile#: Rec'v. Facility

EPA ID#: KS9000000 Total Vol./Wt. Transporter:

DOT PSN:

Constituents: (Circle RQ constituent, otherwise specify):

Haz Class: Poison Liquid 6.1 DOT ID#: PG: RQ= lb. Labels:

EPA Codes: State Codes: Approval:

PEI use only Page #	A Item #	B Description (Chemical & Physical)	C1 DOT ID#	C2 DOT Packing Group	D1 EPA Waste Code	D2 EPA Sub Cat	D3 WA DOE Waste Code	E Solid/Liquid	F # of Cont	G Container Type/Size	H Waste Amount	I DOT RQ (lb)	J1 Land Disposal Restriction Aff. Trt INCIN *	J2 Land Disposal Restriction Specified Tech 40 CFR 268.40	J2 Land Disposal Restriction Specified Tech Tech Code	J3 Land Disposal Restriction Meets Stnd No Trt Req'd	K State Waste Only	L DOT Reg Only	M Non reg Waste Only
		Polysorbate 80						L	1	Pl 1Qt	30%								
		Barcaffein 0.1						L	3	Gl 1Qt	90%								
		Propiophenone						L	1	Gl 1Qt	10%								
		Olive oil						L	1	Gl 1Qt	60%								
		o-Nitroanisole, practical						L	1	Gl 1Qt	70%								
		tris-2,3-dibromopropyl phosphate						L	1	Gl 1Qt	7%								
*		1,3-propanediol (trimethylene gol)						L	1	Gl 500ml	60%								
		Sodium nitroprusside 0.5% sol.						L	1	pl 500ml	90%								
		potassium acid phthalate						L	1	Gl 1Qt	25%								
		Triethylene glycol						L	1	Gl 1kg	90%								
		barium chloride						L	1	Gl 325g	100%								
		" " solution			U012			L	1	pl 1L	100%								
		aniline			U012			L	4	Gl 1pt	90%								
		aniline (aminobenzene)			U012			L	1	Gl 1Qt	90%								
		tetrahydrofurfuryladipate						L	1	Gl 1kg	80%								
		potassium chlorate						L	1	Gl 350g	70%								
		N(?) dimethylsulfonyl chloride						L	1	Gl 100g	50%								
		100% pure gum arabic solution						L	1	pl 1kg	50%								
		Buffer solution pH=9						L	1	pl 500ml	100%								
X		n-butyl phthalate						L	1	Gl 1pt	100%								
		3-phenoll red						L	1	pl 2g	90%								
		2-chloroethyl p-toluene sulfonate						L	1	Gl 100g	90%								
		Quinoline						L	1	Gl 1L	40%								
		Naphtholbenzein						L	1	Gl 1pt	60%								
		Nitrobenzene			P075			L	1	Gl 100g	30%								
		Starch indicator sol. pH 7						L	1	pl 500ml	100%								

* not on list

*J1 The following wastes are prohibited from alternative labpack treatment standard (INCIN): D009, F019, K003 6, K062, K071, K100, K106, P010 12, P076, P078, U134, U151. Fill out J2

M: Metal, GL=Glass, PL=Plastic, CB=Cardboard, CBT=CB tube, P=Paper

G=Gallon, qt=Quart, pt=Pint, L=Liter, mL=Milliliter, lb=Pound, oz=Ounce, g=Gram, mg=Milligram

PHILIP ENVIRONMENTAL ATTACHMENT TO HAZARDOUS WASTE MANIFEST# _____ (23) Page: 2 of 3

LABPACK/COMMERCIAL PRODUCT PACK (Circle One) Drum # 900-647 Project #: _____ Date: _____

Generator: USEPA Chemco Removal Drum Type/Size: 17H 55G Profile#: _____ Rec'v. Facility _____

EPA ID#: KSD000020652 Total Vol./Wt. _____ Transporter: _____

DOT PSN: _____

Constituents _____

Haz Class Poison Liquid 6.1 DOT ID#: _____ PG: _____ RQ= _____ lb. Labels: _____ (Circle RQ constituent, otherwise specify):

EPA Codes: _____ State Codes: _____ Approval: _____

FEI use only Disposition	A Item #	B Description (Chemical & Physical)	C1 C2 DOT ID#	C2 DOT Packing Group	D1 D2 EPA Waste Code	D2 Sub Cat	D3 WA DOE Waste Code	E Solid/Liquid	F # of Cont	G Container Type/Size	H Waste Amount	I DOT RQ (lb)	J1 Land Disposal Restriction Aff. Trt INCIN *	J2 Specified Tech 40 CFR 268.40	J2 Tech Code	J3 Meets Stnd No Trt Req'd	K State Waste Only	L DOT Reg Only	M Non reg Waste Only
		ammonium sulfate (nitrogen stabl)						L	1	GL 1Gal	85%								
		nicotine alkaloid						L	3	GL 100g	90%								
		1,5 pentanediol						L	1	GL 500ml	70%								
		2, phenoxy ethanol						L	1	GL 100g	50%								
		1,2-propanediol						L	1	GL 1kg	5%								
		3,3-oxydipropionitrile						L	1	GL 100g	5%								
		Potassium chloride						L	2	pl 500ml	90%								
		" "						L	1	pl 4oz	100%								
		nonyl phenol						L	1	gl 500ml	50%								
		Sesame oil						L	1	GL 1pt	10%								
		triolein						L	1	gl 1kg	70%								
		a-tetralone (3,4 dihydro-1 (2H)-naphthalenone)						L	1	GL 100g	80%								
		2,2,4-trimethyl-3-hydroxy-3-pentenoic acid						L	1	gl 50g	60%								
		Sodium tungstate						L	1	pl 500ml	80%								
		1,1,1-trifluoro-2,4-hexanedione						L	1	GL 2oz	75%								
		dibromopropanol						L	1	GL 1QT	50%								
		adipyl chloride						L	1	GL 50g	60%								
		barium hydroxide			D005			L	1	GL 500ml	30%								
		1-Bromonaphthalene						L	1	GL 500g	60%								
		N,N-diethyl-1,3-propane-diamine						L	1	GL 250ml	90%								
		~~Antimony Trisulfide~~						~~L~~	~~1~~	~~GL 5#~~									
		1,4 Cyclohexane-bis-methylamine pyrazine						L	1	GL 500g	100%								
		p-CHLOROPHENOL						L	1	AL 200g	25%								
		N-(2-AMINOBUTYL)-ISO PROPYLAMINE						L	1	GL 100g	30%								

*J1 The following wastes are prohibited from alternative labpack treatment standard (INCIN): D009, F019, K003-6, K062, K071, K100, K106, P010-12, P076, P078, U134, U151. Fill out J2.

M=Metal, GL=Glass, PL=Plastic, CB=Cardboard, CBT=CB tube, P=Paper

G=Gallon, qt=Quart, pt=Pint, L=Liter, mL=Milliliter, lb=Pound, oz=Ounce, g=Gram, mg=Milligram

PHILIP ENVIRONMENTAL ATTACHMENT TO HAZARDOUS WASTE MANIFEST# (24) Page: 3 of 3

LABPACK/COMMERCIAL PRODUCT PACK (Circle One) Drum # 800-647 Project #: Date:

Generator: USEPA Clemson Drum Type/Size: 17H 55G Profile#: Rec'v. Facility

EPA ID#: KSP000000652 Total Vol /Wt. Transporter:

DOT PSN:

Constituents: (Circle RQ constituent, otherwise specify):

Haz Class: Poison Liquid 6.1 DOT ID#: PG: RQ= lb. Labels:

EPA Codes: State Codes: Approval:

PEI use only Disp. Meth.	A Item #	B Description (Chemical & Physical)	C1 DOT ID#	C2 DOT Packing Group	D1 EPA Waste Code	D2 EPA Sub Cat	D3 WA DOE Waste Code	E Solid/ Liquid	F # of Cont	G Container Type/Size	H Waste Amount	I DOT RQ (lb)	J1 Land Disposal Restriction Alt. Trt. IN/CIN *	J2 Specified Tech. 40 CFR 268.40	J2 Specified Tech. Tech Code	J3 Meets Stnd. No Trt. Req'd	K State Waste Only	L DOT Reg Only	M Non-reg Waste Only
		O-CHLOROPHENOL						L	1	GL 500g	20%								
		2-CHLOROETHANOL						L	1	GL 500g	40%								
		1,4-DIAMINOBUTANE						L	1	GL 250g	100%								
		DIMETHYLPHOSPHORATE						L	1	GL ½GAL	50%								
		CYCLOHEXANECARBONYLCHLORIDE						L	1	GL 100g	10%								
		ETHYL 2-BROMOBUTYRATE						L	1	GL 100g	50%								
		O-DICHLOROBENZENE			U070			L	1	GL 1GAL	50%								
		N-FENTANEL						L	1	GL 1GAL	70%								
		1,2 PROPANEDIOL						L	1	GL 1Kg	100%								
		PHENOL LIQUEFIED						L	1	GL 1L	100%								

*J1 The following wastes are prohibited from alternative labpack treatment standard (IN/CIN): D009, D019, K003,6, K062, K071, K100, K106, P010,12, P076, P078, U134, U151. Fill out J2

M: Metal, GL=Glass, PL=Plastic, CB=Cardboard, CBT=CB tube, P=Paper

G: Gallon, qt=Quart, pt=Pint, L=Liter, ml=Milliliter, lb=Pound, oz=Ounce, g=Gram, mg=Milligram

PHILIP ENVIRONMENTAL ATTACHMENT TO HAZARDOUS WASTE MANIFEST# (23) Page: 1 of 2

LABPACK/COMMERCIAL PRODUCT PACK (Circle One) Drum # 300-648 Project #: Date:

Generator: US EPA - Chemico Superfund Site Drum Type/Size: 17H 55G Profile#: Rec'v. Facility

EPA ID#: KSF0000006 52 Total Vol./Wt. Transporter:

DOT PSN:

Constituents:

Haz Class: Flammable Liquids Class III DOT ID#: PG: RQ= lb. Labels: (Circle RQ constituent, otherwise specify):

EPA Codes: State Codes: Approval:

FEI use only Disposition	A Item #	B Description (Chemical & Physical)	C1 DOT ID#	C2 DOT Packing Group	D1 EPA Waste Code	D2 EPA Sub Cat	D3 WA DOE Waste Code	E Solid/Liquid	F # of Cont	G Container Type/Size	H Waste Amount	I DOT RQ (lb)	J1 Land Disposal Restriction Alt Trt INCIN *	J2 Specified Tech 40 CFR 268.40	J2 Specified Tech Tech Code	J3 Meets Stnd No Trt Reqd	K State Waste Only	L DOT Reg Only	M Non reg Waste Only
		1,4-Dioxane			D001 U108			L	1	GL/1G	60%								
		Isopropyl 70%						L	1	PL/1G	75%								
		Paraffin, Chlorinated			D001			L	1	GL/1G	40%								
		1-Propanol			D001			L	1	GL/1G	40%								
		Ethylene Dichloride			D001, U077			L	1	GL/5Pt	5%								
		2-Propanol						L	1	PL/1G	30%								
		4-Heptanone						L	1	GL/1G	50%								
		Flammable liquid unknown (haz cat)			D001			L	1	GL/950ml	80%								
		Terrahydrofurfuryl Alcohol			D001			L	1	GL/500g	95%								
		Paraffin, Chlorinated			D001			L	1	GL/1Kg	60%								
		2-Bromopentane 80%			D001			L	1	GL/1L	30%								
		Dioxane						L	1	GL/1L	50%								
		1,2-Dichloropropane			D001 U083			L	1	GL/1L	40%								
		2,2,4-Trimethyl-3-Pentanol			D001			L	1	GL/1L	100%								
		Phenyl Ether			D001			L	1	GL/1L	90%								
		1,2 Dichloroethane			D001 U077			L	1	GL/1L	60%								
		1,2-Dichloroethane			D001, U077			L	1	GL/1L	70%								
		1,2-Dichloroethane			D001, U077			L	1	GL/1L	100%								
		Butyl Ether			D001			L	1	GL/1L	70%								
		1,2-Dichloroethane			D001, U077			L	1	GL/1L	100%								
		1,2-Dichloroethane			D001, U077			L	1	GL/1L	60%								
		Butyl Ether			D001			L	1	GL/1L	70%								
		o-Xylene			D001			L	1	GL/1L	30%								
		4-Hydroxy-4-Methyl-2-Pentanone			D001			L	1	GL/1L	100%								
		Salicylaldehyde			D001			L	1	GL/100g	70%								
		Bis(2-chloroethyl) Ether			D001			L	1	GL/500ml	40%								
		Flammable liquid unknown (haz cat)			D001			L	1	GL/1Pt	50%								

*J1 — The following wastes are prohibited from alternative labpack treatment standard (INCIN): D009, F019, K003 6, K062, K071, K100, K106, P010 12, P076, P078, U134, U151. Fill out J2

M: Metal, GL=Glass, PL=Plastic, CB=Cardboard, CBT=CB tube, P=Paper

G=Gallon, qt=Quart, pt=Pint, L=Liter, ml=Milliliter, lb=Pound, oz=Ounce, g=Gram, mg=Milligram

PHILIP ENVIRONMENTAL ATTACHMENT TO HAZARDOUS WASTE MANIFEST# _____ (26) Page: 3 of 3

LABPACK/COMMERCIAL PRODUCT PACK (Circle One) Drum # 800-648 Project #: _____ Date: _____

Generator: US EPA Chemco Superfund Site Drum Type/Size: 17H 55G Profile#: _____ Rec'v. Facility _____

EPA ID#: KSF0000006552 Total Vol./Wt. _____ Transporter: _____

DOT PSN: _____

Constituents: _____ (Circle RQ constituent, otherwise specify): _____

Haz Class Flammable Liquids Class III DOT ID#: _____ PG: _____ RQ= _____ lb. Labels: _____

EPA Codes: _____ State Codes: _____ Approval: _____

FFT use only Disposition	A Item#	B Description (Chemical & Physical)	C1 DOT ID#	C2 DOT Packing Group	D1 EPA Waste Code	D2 EPA Sub Cat	D3 WA DOE Waste Code	E Solid/ Liquid	F # of Cont	G Container Type/Size	H Waste Amount	I DOT RQ (lb)	J1 Land Disposal Restriction AR Trt INCIN *	J2 Land Disposal Restriction Specified Tech 40 CFR 268.40	J2 Land Disposal Restriction Specified Tech Tech Code	J3 Land Disposal Restriction Meets Stnd No Trt Req'd	K State Waste Only	L DOT Reg Only	M Non reg Waste Only
		2-Heptanone						L	1	GL/1pt	10%								
		Flammable liquid mixture (haz cat)			D001			L	1	GL/1pt	70%								
		Hydrocarbon mixture			D001			L	1	GL/1pt	60%								
		1-Propanol			D001			L	1	GL/1pt	70%								
		Propyl Amine			D001, D003, U194			L	1	GL/1pt	20%								
		Cyclohexane			D001, U056			L	1	GL/1pt	20%								
		Methanol (Anhydrous)			D001			L	1	GL/1pt	100%								
		Phenyl Ether			D001			L	1	PL/1pt	5%								
		Iso Butyl Iso-Butyrate			D001			L	1	GL/1pt	100%								
		N-2-Hydroxyethylacetamide			D001			L	1	GL/1pt	70%								
		Bromobenzene			D001			L	1	GL/1pt	50%								
		Heptane			D001			L	1	GL/1pt	30%								
		Cyclohexene			D001, U096			L	1	GL/1pt	10%								
		Flammable liquid mixture (haz cat)			D001			L	1	GL/1pt	50%								
		1,4-Dioxane			D001 U108			L	1	GL/1pt	60%								
		Formaldehyde NF 40% Sol			D001			L	1	GL/1pt	30%								
		1-Propanol			D001			L	1	GL/1pt	90%								
		o-chlorotoluene			D001			L	1	GL/1pt	40%								
		2-Heptanone						L	1	GL/1pt	70%								
		Tetrahydrofurfuryl Alcohol			D001			L	1	GL/1pt	70%								
		Coconut Oil						L	1	GL/1pt	10%								
		2-Nonanone						L	1	GL/1pt	40%								
		1,4 Dioxane			D001			L	1	GL/1pt	50%								

*J1 The following wastes are prohibited from alternative labpack treatment standard (INCIN): D009, F019, K003-6, K062, K071, K100, K106, P010-12, P076, P078, U134, U151. Fill out J2

M=Metal, GL=Glass, PL=Plastic, CB=Cardboard, CBT=CB tube, P=Paper

G=Gallon, qt=Quart, pt=Pint, L=Liter, mL=Milliliter, lb=Pound, oz=Ounce, g=Gram, mg=Milligram

PHILIP ENVIRONMENTAL ATTACHMENT TO HAZARDOUS WASTE MANIFEST#

LABPACK/COMMERCIAL PRODUCT PACK

(27) Page: 1 of 3

Generator: USEPA Region VII (Circle One) Drum # 800-649 Project #:

EPA ID#: KSF000000 652 Drum Type/Size: 17H 55G Profile#:

DOT PSN: Total Vol./Wt. Date:

Constituents: Rec'v. Facility

Haz Class DOT ID#: PG: RQ= lb. Labels: Transporter:

EPA Codes: 6.1 Poison Solids State Codes: (Circle RQ constituent, otherwise specify):

Approval:

PEI use only Disposition	A Item #	B Description (Chemical & Physical)	C1 DOT ID#	C2 DOT Packing Group	D1 EPA Waste Code	D2 EPA Sub Cat	D3 WA DOE Waste Code	E Solid/Liquid	F # of Cont	G Container Type/Size	H Waste Amount	I DOT RQ (lb)	J1 Land Disposal Restriction: All Trt INCIN *	J2 Specified Tech: 40 CFR 268.40	J2 Specified Tech: Tech Code	J3 Meets Stnd No Trt Reqd	K State Waste Only	L DOT Reg Only	M Non reg Waste Only
		Dextran						S	3	5lb	5lb								
		Dextrin						S	1	1kg	1kg								
		Cachic Sap						S	1	1kg	1kg								
		3,3 Dichlorobenzidine Sulfate						S	1	1lb	1lb								
		1,4 Cyclohexanedimethanol						S	1	1lb	1lb								
		Silicic Acid						S	1	1lb	100g								
		Calcium Acetate						S	2	1lb	1lb								
		Calcium Phosphate						S	3	1lb	1lb								
		Calcium Cyanamide						S	1	1lb	1lb								
		2,6 Dimethoxybenzoic acid						S	1	100g	100g								
		3,3 dimethoxybenzidine						S	1	100g	100g								
		2,6 Dibromo-N-chloro-p-benzoquinone imine						S	1	10g	10g								
		3,3 Dimethoxy-4,4 Diphenylene Diisocyanate						S	1	500g	500g								
		N,N-Dimethyl-N'N' Dinitroso terephthalamide						S	1	200g	200g								
		2,5 Di(Chloromethyl) p-xylene						S	1	200g	200g								
		Calcium Arsenate						S	2	500g	500g								
		Cobalt Chloride						S	2	1lb	1lb								
		Cupric Oxide						S	[illegible]	25kg	1kg								
		Ferric oxide						S	1	10lb	10lbs								
		Calcium Phosphate						S	1	5lbs	5lbs								
		Calcium Phosphate Tribasic						S	1	2lbs	2lbs								
		Calcium ACETATE						S	1	5 gal	5gal								
		Cupric OXIDE Wire						S	1	1 Lb.	1LB								
		Cobalt Sulfate						S	1	1 lb.	1 lb								
		Cupric Oxide						S	1	1 lb	1 lb								
		Cobalt Acetate						S	1	1/4 lb	1/4lb								
		Cobalt Ammonium Sulfate						S	1	1 lb	1 lb								

*J1 The following wastes are prohibited from alternative labpack treatment standard (INCIN): D009, F019, K003 6, K062, K071, K100, K106, P010 12, P076, P078, U134, U151. Fill out J2

M: Metal, GL: Glass, PL: Plastic, CB: Cardboard, CBT: CB tube, P: Paper

G: Gallon, qt: Quart, pt: Pint, L: Liter, ml: Milliliter, lb: Pound, oz: Ounce, g: Gram, mg: Milligram

PHILIP ENVIRONMENTAL ATTACHMENT TO HAZARDOUS WASTE MANIFEST#

LABPACK/COMMERCIAL PRODUCT PACK (Circle One)

Drum # 800649 | Project #: ____ | Date: ____

Generator: USEPA Chemco Removal | Drum Type/Size: 17H 5 JG | Profile#: ____ | Rec'v. Facility: ____

EPA ID#: KSP000000652 | Total Vol./Wt.: ____ | Transporter: ____

DOT PSN: ____

Constituents: ____

(Circle RQ constituent, otherwise specify): ____

Haz. Class: ____ DOT ID#: ____ PG: ____ RQ= ____ lb. Labels: ____

EPA Codes: 6.1 Poison Solid State Codes: ____ Approval: ____

FEI use only Disposition	A Item #	B Description (Chemical & Physical)	C1 DOT ID#	C2 DOT Packing Group	D1 EPA Waste Code	D2 EPA Sub Cat	D3 WA DOE Waste Code	E Solid/Liquid	F # of Cont	G Container Type/Size	H Waste Amount	I DOT RQ (lb)	J1 Land Disposal Restriction Alt Trt INCIN *	J2 Specified Tech 40 CFR 268.40	J2 Specified Tech Tech Code	J3 Meets Stnd No Trt Req'd	K State Waste Only	L DOT Reg Only	M Non reg Waste Only
		Cobaltous Ammonium Sulfate						S	1	1 Lb	1 Lb								
		Cupric Acetate						S	1	500g	200g								
		Erythorbic Acid						S	1	1 lb	1 lb								
		Elm bark						S	1	¼ lb	¼ lb								
		2,5 [illegible] -p- [illegible]						S	1	10g	10g								
		N,N-Dimethyl-p-Phenylene Diamine Monohydrochloride						S	1	100g	100g								
		2,6 Di tert-Butyl 4 methylphenol						S	2	500g	500g								
		2,6-Dimethyl quinoline ethiodide						S	1	10g	10g								
		5,5 Dimethyl-1,3 [illegible]dione						S	1	5g	5g								
		Diphenyl carbonate						S	1	20g	20g								
		Dextrin						S	1	25g	25g								
		2,6 Dimethyl quinoline						S	1	10g	10g								
		1,4-Diphenyl-3 Anilino-5-Phenylimino-1,2,4 Triazoline						S	1	50g	50g								
		Diphenylthiocarbazone						S	1	10g	10g								
		Diphenyl Phosphoric acid						S	1	25g	25g								
		Diphenyl Carbazone						S	1	5g	5g								
		2,4 Dinitro-4-Hydroxy Diphenylamine						S	1	10g	10g								
		5 ethyl-10,10-Diphenyl Phenazasiline						S	1	20g	20g								
		4,8-Dimethyl-2-hydroxy quinoline						S	1	5g	5g								
		[illegible] hydrate						S	1	1kg	1kg								
		Ferrous Gluconate						S	1	100g	100g								
		Ferric Phosphate						S	1	100g	100g								
		ethyl-p-nitrobenzoate						S	1	50g	50g								
		ethyl carbamate						S	1	100g	100g								
		Lead acetate			D008			S	1	1 lb	1 lb								
		ethylene dinitrilo tetraacetic acid						S	1	1 lb	1 lb								
		(ethylenedinitrilo) tetraacetic acid						S	1	¼ lb	¼ lb								

*J1 The following wastes are prohibited from alternative labpack treatment standard (INCIN): D009, F019, K003-6, K062, K071, K100, K106, P010-12, P076, P078, U134, U151. Fill out J2

M=Metal, GL=Glass, PL=Plastic, CB=Cardboard, CBT=CB tube, P=Paper

G=Gallon, qt=Quart, pt=Pint, L=Liter, ml=Milliliter, lb=Pound, oz=Ounce, g=Gram, mg=Milligram

PHILIP ENVIRONMENTAL ATTACHMENT TO HAZARDOUS WASTE MANIFEST#

LABPACK/COMMERCIAL PRODUCT PACK

(Circle One) Drum # 200649 Project #:

Page: 3 of 3

Generator: USEPA Region VII Drum Type/Size: 17H 55G Profile#: Date:

EPA ID#: KSP000000652 Total Vol./Wt. Rec'v. Facility

DOT PSN: Transporter:

Constituents: (Circle RQ constituent, otherwise specify):

Haz Class 6.1 Poison Solid DOT ID#: PG: RQ= lb. Labels:

EPA Codes: State Codes: Approval:

PEI use only Disposition	A Item#	B Description (Chemical & Physical)	C1 DOT ID#	C2 DOT Packing Group	D1 EPA Waste Code	D2 EPA Sub Cat	D3 WA DOE Waste Code	E Solid/Liquid	F # of Cont	G Container Type/Size	H Waste Amount	I DOT RQ (lb)	J1 Land Disposal Restriction AR Trt INCIN *	J2 Specified Tech 40 CFR 268.40	J2 Specified Tech Tech Code	J3 Meets Stnd No Trt Req'd	K State Waste Only	L DOT Reg Only	M Non reg Waste Only
		Hydrazine Sulfate						S	1	1Kg	1Kg								
		2-Hydroxymethyl-2-methyl-1,3-Propanediol						S	1	1lb	1lb								
		p-hydroxybenzoic acid						S	1	10g	10g								
		N(Hydroxyethyl) Phthalimide						S	1	1Kg	1Kg								
		Hydantoin						S	1	100g	100g								
		4-Hydroxybenzophenone						S	1	100g	100g								
		p-hydroxyacetophenone						S	1	100g	100g								
		L(p-Hydroxyphenyl)-3-Butanone						S	1	50g	25g								
		Hexaphenyldisilazane						S	1	100g	100g								
		L-Histidine HCL						S	1	50g	50g								
		Glutamine						S	1	100g	100g								
		beta-Glucose Pentaacetate						S	1	65g	65g								
		D-Galactose						S	1	100g	100g								
		Glycine Ethyl Ester						S	1	100g	100g								
		Germanium Dioxide						S	1	100g	100g								
		Glycine						S	1	100g	100g								
		Glycyl Glycine						S	1	100g	100g								
		D-Glucosamine hydrochloride						S	1	50g	50g								
		L-Glutamic Acid						S	1	100g	100g								
		L-Thiourea dioxide						S	1	50g	50g								
		L-Lysine Monohydrochloride						S	1	20oz	20oz								
		L-methionine						S	1	10g	10g								
		O-IODOBENZOIC Acid						S	1	2oz	2oz								
		iron phosphate						S	1	10gms	10g								
		iron sulfate						S	1	20g	20g								
		Lead Chloride						S	1	100g	100g								
		Inositol						S	2	100g	100g								

*J1 The following wastes are prohibited from alternative labpack treatment standard (INCIN): D009, F019, K003 6, K062, K071, K100, K106, P010 12, P076, P078, U134, U151. Fill out J2

M: Metal, GL: Glass, PL=Plastic, CB=Cardboard, CBT=CB tube, P: Paper

G=Gallon, qt=Quad, pt: Pint, L=Liter, mL=Milliliter, lb=Pound, oz=Ounce, g=Gram, mg=Milligram

PHILIP ENVIRONMENTAL ATTACHMENT TO HAZARDOUS WASTE MANIFEST#

LABPACK/COMMERCIAL PRODUCT PACK (Circle One) Drum # 800-650 Project #: ______ Page: 1

Generator: U.S. EPA Chemical Superfund Site Drum Type/Size: 17H 55G Profile#: ______ Date: ______

EPA ID#: KSP000000652 Total Vol./Wt. ______ Rec'v. Facilit

DOT PSN: ______ Transporter:

Constituents: ______ (Circle RQ constituent, otherwise specify):

Haz Class: Flammable Liquids Class III DOT ID#: ______ PG: ______ RQ= ______ lb. Labels: ______

EPA Codes: ______ State Codes: ______ Approval: ______

FEI use only Disposition	A Item#	B Description (Chemical & Physical)	C1 DOT ID#	C2 DOT Packing Group	D1 EPA Waste Code	D2 EPA Sub Cat	D3 WA DOE Waste Code	E Solid/Liquid	F # of Cont	G Container Type/Size	H Waste Amount	I DOT RQ (lb)	J1 Land Disposal Restriction Alt Trt INCIN *	J2 Specified Tech 40 CFR 268.40	J2 Specified Tech Tech Code	J3 Meets Stnd No Trt Req'd	K State Waste Only
		Cotton Seed Oil						L	1	GL/1.1G	70%						
		Butyraldehyde			D001			L	1	GL/1.1G	30%						
		Subtractive Plate Developer						L	1	PL/1G	50%						
		Flammable liquid unknown (haz cat)			D001			L	1	GL/1L	30%						
		Cyclohexene						L	1	GL/1Kg	90%						
		Conductivity Std 2500 micromhos			D001			L	1	PL/1L	100%						
		Isopropyl Bromide			D001			L	1	GL/1Kg	50%						
		Flammable liq. unknown (haz cat)			D001			L	1	GL/1L	50%						
		Flammable liq. unknown (haz cat)			D001			L	1	GL/1L	50%						
		3 Chloro-2-Methylpropene			D001			L	1	GL/1L	40%						
		Flammable liquid unknown (haz cat)			D001			L	1	GL/1L	40%						
		n-Butyl Stearate			D001			L	1	GL/500g	60%						
		4-Methylcyclohexanone			D001			L	1	GL/1L	80%						
		n-Butyl Chloride						L	1	GL/1Kg	20%						
		Cyclohexanone			D001	U057		L	1	GL/1L	80%						
		n-Butyl Bromide						L	1	GL/1L	75%						
		γ-Butyrolactone			D001			L	1	GL/1L	60%						
		Diethyl Carbonate			D001			L	1	GL/1L	70%						
		Cottonseed Oil						L	1	GL/1L	50%						
		p Chlorotoluene			D001			L	1	GL/1L	40%						
		Ethylene Glycol Monomethyl Ether			D001			L	2	GL/1pt	20%						
		~~Ethylene~~ 2-Pentanone						L	1	GL/1L	10%						
		Cetyl Alcohol			D001			L	1	GL/1pt	100%						
		2,4,6 Trimethylpyridine			D001			L	1	GL/100g	70%						
		Furfural			D001			L	1	GL/1pt	50%						
		Salicylaldehyde						L	1	GL/100g	70%						
		N-Isopropyl Aniline			D002			L	1	GL/500ml	40%						

*J1 The following wastes are prohibited from alternative labpack treatment standard (INCIN): D009, F019, K003-6, K062, K071, K100, K106, P010-12, P076, P078, U134, U151. Fill out J2

M=Metal, GL=Glass, PL=Plastic, CB=Cardboard, CBT=CB tube, P=Paper

G=Gallon, qt=Quart, pt=Pint, L=Liter, mL=Milliliter, lb=Pound, oz=Ounce, g=Gram, mg=Millig

PHILIP ENVIRONMENTAL ATTACHMENT TO HAZARDOUS WASTE MANIFEST# _____ (37) Page: 2 of 2

LABPACK/COMMERCIAL PRODUCT PACK (Circle One) Drum # 800-650 Project #: _____ Date: _____

Generator: US EPA Chemco Superfund Site Drum Type/Size: 17H 55G Profile#: _____ Rec'v. Facility _____

EPA ID#: KSD000006527 Total Vol./Wt. _____ Transporter: _____

DOT PSN: _____

Constituents: _____ (Circle RQ constituent, otherwise specify): _____

Haz Class: Flammable liquids class III DOT ID#: _____ PG: _____ RQ= _____ lb. Labels: _____

EPA Codes: _____ State Codes: _____ Approval: _____

FEI use only	A	B	C1	C2	D1	D2	D3	E	F	G	H	I	J1	J2	J3	K	L	M
			DOT		EPA		WATOF					DOT	Land Disposal Restriction					
Disposition	Items	Description (Chemical & Physical)	ID#	Packing Group	Waste Code	Sub Cat	Waste Code	Solid/Liquid	# of Cont	Container Type Size	Waste Amount	RQ (lb)	Alt Trt INCIN *	Specified Tech 40 CFR 268.40	Specified Tech Tech Code	Meets Stnd No Trt Req'd	State Waste Only	DOT Reg Only	Non reg Waste Only
		p-Cymene			D001			L	1	GL/1 pt	40%								
		n-Amyl Alcohol			D001			L	1	GL/1 pt	100%								
		Bromobenzene			D001			L	1	GL/1 pt	70%								
		4413 Oil						L	1	GL/1 pt	100%								
		Butyl Acetate			D001			L	1	GL/350ml	100%								
		Amyl Alcohol			D001			L	1	GL/1 pt	100%								
		Butyl Alcohol			D001			L	1	GL/1 pt	70%								
		Tinta Solution						L	1	PL/½G	10%								
		Flammable liquid unknown (haz cat)			D001			L	1	GL/1 pt	80%								
		Isopropyl Alcohol 70%			D001			L	1	PL/1qt	100%								
		phenolphthalein in 50% Ethanol			D001			L	1	gl/1g	50%								
		isopropyl Alcohol			D001			L	1	gl/1g	40%								
		bromothymol Blue - D			D001			L	1	gl/1Lt.	100%								
		methyl purple indicator			D001			L	4	gl/1qt	100%								
		methyl purple indicator			D001			L	2	gl/520ml	100%								
		formaldehyde (methanol)			D001			L	1	gl/1qt	50%								
		dibutylamine			D001, D002			L	1	gl/1L	52%								
		ethyl propionate						L	1	gl/1L	25%								
		boron fluoride ethyl ether			D001			L	1	gl/1g	10%								
		sebacoyl chloride						L	3	gl/40g	50%								
		bromothymol blue			D001			L	1	gl/1qt	50%								
		brom cresol purple						L	1	gl/50ml	100%								
		flammable liq unk. (haz cat)			D001			L	1	gl/50ml	100%								
		potassium iodide in 50% ale.			D001			L	1	GL/50ml	100%								

*J1 The following wastes are prohibited from alternative labpack treatment standard (INCIN): D009, F019, K003-6, K062, K071, K100, K106, P010-12, P076, P078, U134, U151. Fill out J2

M=Metal, GL=Glass, PL=Plastic, CB=Cardboard, CBT=CB tube, P=Paper

G=Gallon, qt=Quart, pt=Pint, L=Liter, ml=Milliliter, lb=Pound, oz=Ounce, g=Gram, mg=Milligram

PHILIP ENVIRONMENTAL ATTACHMENT TO HAZARDOUS WASTE MANIFEST# _____ (32) Page: 1 of 2

LABPACK/COMMERCIAL PRODUCT PACK (Circle One) Drum # 800-651 Project #: _____ Date: _____

Generator: U.S EPA CHEMICO REMOVAL Drum Type/Size: 17H 55G Profile#: _____ Rec'v. Facility _____

EPA ID#: KSF0000006S2 Total Vol./Wt.: _____ Transporter: _____

DOT PSN: _____

Constituents: _____ (Circle RQ constituent, otherwise specify): _____

Haz Class: OXIDIZERS corr 5.1 DOT ID#: _____ PG: _____ RQ= _____ lb. Labels: _____

EPA Codes: _____ State Codes: _____ Approval: _____

FEL use only: Disposal Meth	A: Item#	B: Description (Chemical & Physical)	C1: DOT ID#	C2: DOT Packing Group	D1: EPA Waste Code	D2: EPA Sub Cat	D3: WA DOE Waste Code	E: Solid/Liquid	F: # of Cont	G: Container Type/Size	H: Waste Amount	I: DOT RQ (lb)	J1: Land Disposal Restriction All Trt INCIN *	J2: Land Disposal Restriction Specified Tech 40 CFR 268.40	J2: Land Disposal Restriction Specified Tech Tech Code	J3: Land Disposal Restriction Meets Stnd. No Trt Req'd	K: State Waste Only	L: DOT Reg Only	M: Non reg Waste Only
		Chromium Trioxide			D001	D003, D007		S	1	M/55	100%								
		Calcium Nitrate			D001			S	1	CB/10L	100%								
		Sodium Nitrate			D001			S	1	PL/2L	100%								
		Calcium Nitrate			D001			S	1	PL/2L	70%								
		Potassium Dichromate			D001	D007		S	1	GL/2L	10%								
		Chromium Trioxide			D001,	D002,	D007	S	1	GL/2L	50%								
		Potassium Dichromate			D001,	D007		S	1	GL/1L	10%								
		Nickelous Nitrate			D001			S	1	GL/5gal	50%								
		Zinc Nitrate			D001			S	1	GL/1L	60%								
		Lauroyl Peroxide			D001			S	1	GL/5Lb	30%								
		Sodium Dichromate			D001,	D007		S	1	GL/5 lb	100%								
		Potassium Nitrate			D001			S	1	PL/100ml	60%								
		Potassium Dichromate			D001	D007		S	1	PL/1Kg	50%								
		Sodium Dichromate			D001,	D007		S	1	GL/1Lb	40%								
		Sodium Chlorite			D001			S	1	GL/500ml	70%								
		Potassium Persulfate			D001			S	1	GL/1 lb	100%								
		Potassium Perchlorate			D001			S	1	GL/1 lb	100%								
		Zinc Nitrate			D001			S	1	PL/1 lb	30%								
		Barium Nitrate			D001,	D005		S	1	GL/250ml	20%								
		Barium Nitrate			D001,	D005		S	1	GL/250ml	60%								
		Barium Nitrate			D001,	D005		S	1	GL/250ml	50%								
		Barium Nitrate			D001,	D005		S	1	GL/1 lb	10%								
		Barium Nitrate			D001,	D005		S	1	GL/½ lb	50%								
		Barium Nitrate			D001,	D005		S	1	GL/1 lb	50%								
		Barium Nitrate			D001,	D005		S	1	GL/500ml	40%								
		Calcium Nitrate			D001,	D005		S	1	GL/500ml	100%								
		Calcium Nitrate			D001,	D005		S	1	GL/500g	100%								

* The following wastes are prohibited from alternative labpack treatment standard (INCIN): D009, D019, K003,6, K062, K071, K100, K106, P010,12, P076, P078, U134, U151. Fill out J2.

M=Metal, GL=Glass, PL=Plastic, CB=Cardboard, CBT=CB tube, P=Paper

G=Gallon, qt=Quart, pt=Pint, L=Liter, mL=Milliliter, lb=Pound, oz=Ounce, g=Gram, mg=Milligram

(33)

PHILIP ENVIRONMENTAL ATTACHMENT TO HAZARDOUS WASTE MANIFEST#

LABPACK/COMMERCIAL PRODUCT PACK

(Circle One)

Drum # 800-651

Project #:

Date:

Generator: USEPA Region VII

Drum Type/Size: 17H 55G

Profile#:

Rec'v. Facility

EPA ID#: KSP000000652

Total Vol./Wt.

Transporter:

DOT PSN:

Constituents:

(Circle RQ constituent, otherwise specify):

Haz Class: Oxidizer Class 5.1

DOT ID#:

PG:

RQ= lb.

Labels:

EPA Codes:

State Codes:

Approval:

PEI use only Disposition	A Item#	B Description (Chemical & Physical)	C1 DOT ID#	C2 DOT Packing Group	D1 EPA Waste Code	D2 EPA Sub Cat	D3 WA DOE Waste Code	E Solid/Liquid	F # of Cont	G Container Type/Size	H Waste Amount	I DOT RQ (lb)	J1 Land Disposal Restriction Alt Trt INCIN *	J2 Specified Tech 40 CFR 268.40	J2 Specified Tech Tech Code	J3 Meets Stnd No Trt Req'd	K State Waste Only	L DOT Reg Only	M Non reg Waste Only
		Calcium Nitrate			D001			S	1	GL/¼ lb	10%								
		Calcium Nitrate			D001			S	1	PL/500 g	90%								
		Calcium Nitrate			D001			S	1	GL/4 oz	40%								
		Calcium Nitrate			D001			S	1	PL/100 g	100%								
		Cadmium Nitrate			D006, D001			S	1	GL/50 ml	100%								
		Bismuth Nitrate			D001			S	1	GL/100 ml	60%								
		Aluminum Nitrate			D001			S	1	GL/¼ lb	90%								
		Lead Nitrate			D001, D008			S	1	PL/1 lb	50%								
		Lead Nitrate Anhydrous			D001, D008			S	1	PL/½ lb	20%								
		Nickel Nitrate			D001			S	1	GL/1 lb	100%								
		Nickel Nitrate			D001			S	1	GL/¼ lb	90%								
		Nickel Nitrate			D001			S	1	GL/¼ lb	50%								
		Potassium Periodate Meta			D001			S	1	GL/1 lb	100%								
		Potassium Persulfate			D001			S	1	GL/¼ lb	100%								
		Sodium meta-Periodate			D001			S	1	GL/100 g	50%								
		Sodium Periodate			D001			S	1	GL/1 oz	10%								
		Zinc Nitrate Hexahydrate Pure			D001			S	1	PL/1 lb	30%								
		Sodium Dichromate			D001, D007			S	1	GL/1 lb	50%								
		Sodium Dichromate			D001, D007			S	1	GL/1 lb	100%								
		Potassium Dichromate			D001, D007			S	1	PL/100 g	20%								
		Sodium Nitrate			D00[illegible], D001			S	1	GL/4 oz	80%								

*J1 The following wastes are prohibited from alternative labpack treatment standard (INCIN): D009, F019, K003-6, K062, K071, K100, K106, P010-12, P076, P078, U134, U151. Fill out J2

M=Metal, GL=Glass, PL=Plastic, CB=Cardboard, CBT=CB tube, P=Paper

G=Gallon, qt=Quart, pt=Pint, L=Liter, mL=Milliliter, lb=Pound, oz=Ounce, g=Gram, mg=Milligram

PHILIP ENVIRONMENTAL ATTACHMENT TO HAZARDOUS WASTE MANIFEST#

LABPACK/COMMERCIAL PRODUCT PACK (Circle One) Drum # 800-652 Project #:

Page: 1 of 3

Generator: USAMRIID Drum Type/Size: 17H 55G Profile#: Date:

EPA ID#: KSP000000652 Total Vol./Wt. Rec'v. Facility

DOT PSN: Transporter:

Constituents:

Haz Class: Poison Solid, n.o.s. DOT ID#: PG: RQ= lb. (Circle RQ constituent, otherwise specify):

EPA Codes: State Codes: Labels:

Approval:

PEI use only: Disposition	X: Item#	H: Description (Chemical & Physical)	C1 DOT: ID#	C2 DOT: Packing Group	D1 EPA: Waste Code	D2 EPA: Sub Cat	D3 WA DOE: Waste Code	E: Solid/Liquid	F: # of Cont	G: Container Type/Size	H: Waste Amount	I DOT: RQ (lb)	J1 Land Disposal Restriction: All Trt (INCIN) *	J2 Land Disposal Restriction: Specified Tech 40 CFR 268.40	J2 Land Disposal Restriction: Tech Code	J3 Land Disposal Restriction: Meets Stnd No Trt Reqd	K: State Waste Only	L: DOT Reg Only	M: Non reg Waste Only
		L-Tartaric						S	2	7lb	7lb								
		Ferric Ammonium Sulfate						S	1	25lbs	25lb								
		Glycol Ether						S	1	100g	50g								
		L-Asparagine Anhydrous						S	1	500g	200g								
		L-Cystine dihydrochloride			D003			S	1	3Kg	2.5kg								
		L-Lysine						S	1	2lb	1lb								
		Melezitose						S	1	3Kg	2kg								
		Gluconic acid sodium salt						S	1	500g	250g								
		Glycine						S	1	1lb	1lb								
		Glycine Photo						S	1	1lb	0.5lb								
		4,4 Isopropylidene Diphenol						S	1	1lb	0.5lb								
		Guanidine Hydrochloride						S	1	1lb	0.5lb								
		D-Mannose						S	1	1g	1g								
X		p-Iodobenzoic Acid						S	1	1g	1g								
		Maltose						S	1	500g	500g								
		Methyl Sulfone						S	1	500g	500g								
		1,4-Methylene bis(2-chloroaniline)						S	1	200g	200g								
		Lead Chromate			D008			S	1	350g	350g								
		Lead chromate			D008			S	1	1lb	1lb								
		Lithium Sulfate			~~D008~~			S	1	1lb	1lb								
		Citric Oxalate						S	1	2g	2g								
		Lauric acid						S	1	0.5lb	0.5lb								
		Lactose						S	1	1g	1g								
†		(Methoxymethyl)-triphenyl phosphonium chloride						S	1	150g	150g								
		L-Leucine						S	1	10g	10g								
		Magnesium Salicylate						S	1	2lb	2lb								
		Magnesium Sulfate						S	1	1lb	1lb								

*J1 The following wastes are prohibited from alternative labpack treatment standard (INCIN): D009, F019, K093-6, K062, K071, K100, K106, P010-12, P076, P078, U134, U151. Fill out J2

M=Metal, GL=Glass, PL=Plastic, CB=Cardboard, CBT=CB tube, P=Paper

G=Gallon, qt=Quart, pt=Pint, L=Liter, mL=Millilter, lb=Pound, oz=Ounce, g=Gram, mg=Milligram

PHILIP ENVIRONMENTAL ATTACHMENT TO HAZARDOUS WASTE MANIFEST#

LABPACK/COMMERCIAL PRODUCT PACK (Circle One) Drum # 800-652 Project #: (35) Page: 2 of 3

Generator: USEPA Region VII Drum Type/Size: 17H >55 Profile#: Date:

EPA ID#: KSD000000652 Total Vol./Wt. Rec'v. Facility

DOT PSN: Transporter:

Constituents: (Circle RQ constituent, otherwise specify):

Haz Class: C.I Poison solid DOT ID#: PG: RQ= lb. Labels:

EPA Codes: State Codes: Approval:

PEI use only	A	B	C1	C2	D1	D2	D3	E	F	G	H	I	J1	J2	J3	K	L	M
			DOT		EPA		WA DOL					DOT	Land Disposal Restriction					
Disposition	Item#	Description (Chemical & Physical)	ID#	Packing Group	Waste Code	Sub Cat	Waste Code	Solid/Liquid	# of Cont.	Container Type/Size	Waste Amount	RQ (lb)	Aff. Trt. INCIN *	Specified Tech. 40 CFR 268.40	Specified Tech. Tech Code	Meets Stnd. No Trt Req'd	State Waste Only	DOT Reg Only	Non-reg Waste Only
		Magnesium Sulfate						S	1	1lb	1lb							
		Magnesium Sulfate						S	1	5oz	20g							
		Magnesium Fluoride						S	1	1lb	½lb							
		Magnesium Bromide						S	1	1lb	¼lb							
		Magnesium Hydroxide						S	1	2lb	2lb							
		Magnesium Phosphate						S	1	2lb	2lb							
		Magnesium Carbonate						S	1	1kg	1kg							
		Magnesium Oxide						S	1	1kg	½kg							
		Magnesium Silicate						S	1	5lb	4lb							
		Magnesium Trisilicate						S	1	1kg	½kg							
		Magnesium Trisilicate						S	1	1kg	½kg							
		Magnesium Oxide						S	1	1kg	½kg							
		Magnesium Carbonate						S	1	1lb	1lb							
		Magnesium Sulfate						S	1	1lb	1lb							
		Malt Diastase						S	4	1lb	1lb							
		~~Mercury Germicidal~~						S	1	4oz	4oz							
		~~Mercurochrome~~						~~S~~	~~1~~	~~Destroyed~~								
		Mercurochrome						S	1	100g	50g							
		Potassium Phosphate Monobasic						S	1	½ Lb.	½ Lb.							
		Potassium Phosphate Monobasic						S	1	100g	100g							
		Potassium Bitartrate						S	1	¼ Lb.	¼ Lb.							
		Primuline						S	1	4oz	4oz							
		Palmitic Acid						S	1	100g	60g							
		Papain N.F. VII						S	1	100g	100g							
		Quinine Sulfate						S	3	25g	75g							
		Phenyl Sulfone						S	1	100g	100g							
		Phenyl 2-pyridyl Ketone						S	1	25g	25g							
		p-phenylenediamine Dihydrochloride						S	1	25g	25g							

*J1 - The following wastes are prohibited from alternative labpack treatment standard (INCIN): D009, F019, K003/6, K062, K071, K100, K106, P010/12, P076, P078, U134, U151. Fill out J2

M-Metal, GL-Glass, PL-Plastic, CB=Cardboard, CBT-CB tube, P-Paper

G-Gallon, qt-Quart, pt-Pint, L-Liter, ml-Milliliter, lb-Pound, oz-Ounce, g-Gram, mg-Milligram

PHILIP ENVIRONMENTAL ATTACHMENT TO HAZARDOUS WASTE MANIFEST#
LABPACK/COMMERCIAL PRODUCT PACK (Circle One)

(36) **Page:** 3 **of** 3

Generator: USEPA Region VII
EPA ID#: KSP000000652
DOT PSN:
Constituents:
Haz Class: 6.1 Poison solid
EPA Codes:

Drum # 853GL
Drum Type/Size: 17H 55G
Total Vol/Wt.:
DOT ID#: PG: RQ= lb.
State Codes:

Project #:
Profile#:
(Circle RQ constituent, otherwise specify):
Labels:
Approval:

Date:
Rec'v. Facility:
Transporter:

For use only / Line #	A Line #	B Description (Chemical & Physical)	C1 DOT ID#	C2 DOT Packing Group	D1 EPA Waste Code	D2 EPA Sub Cat	D3 WA DOE Waste Code	E Solid/Liquid	F # of Cont	G Container Type/Size	H Waste Amount	I DOT RQ (lb)	J1 Land Disposal Restriction: Alt Trt INCIN *	J2 Specified Tech: 40 CFR 268.40	J2 Specified Tech: Tech Code	J3 Meets Stnd: No Trt Req'd	K State Waste Only	L DOT Reg Only	M Non reg Waste Only
		MANGANESE Sulfate MONOHYDRATE						S	2	1/4 Lb	1/4 lb								
		p-Phenyloxybenzyl chloride						S	1	1/4 lb	1/4 lb								
		Bile Activin Broth						S	1	1/4 lb	1/4 lb								
		nickel acetate						S	1	1oz	1oz								
		1-naphthol [illegible]						S	1	5g	5g								
		2,4,7-Trinitro-9-fluorenone						S	1	15g	15g								
		1-Naphthylamine						S	1	25g	15g								
		4,4'-Oxydianiline						S	1	25g	15g								
		~~potassium phosphate~~						~~S~~	~~1~~	~~3kg~~	~~3kg~~								
		~~potassium phosphate monobasic~~						~~S~~	~~1~~	~~3kg~~	~~3kg~~								
		~~Manganese Sulfate~~						~~S~~	~~2~~	~~5lb~~	~~5lb~~								

*J1 The following wastes are prohibited from alternative labpack treatment standard (INCIN): D009, F019, K003-6, K062, K071, K100, K106, P010-12, P076, P078, U134, U151. Fill out J2

M=Metal, Gl=Glass, PL=Plastic, CB=Cardboard, CBT=CB tube, P=Paper

G=Gallon, qt=Quart, pt=Pint, L=Liter, mL=Milliliter, lb=Pound, oz=Ounce, g=Gram, mg=Milligram

PHILIP ENVIRONMENTAL ATTACHMENT TO HAZARDOUS WASTE MANIFEST#
LABPACK/COMMERCIAL PRODUCT PACK

(Circle One)

Generator: USEPA Chemco Removal
EPA ID#: KSD000000652
DOT PSN:
Constituents:
Haz Class: Poison Liquid 6.1
EPA Codes:

Drum # 800-653
Drum Type/Size: 17H 55G
Total Vol./Wt.:

Project #:
Profile#:

Date:
Rec'v. Facility
Transporter:

(Circle RQ constituent, otherwise specify):

DOT ID#: PG: RQ= lb. Labels:

State Codes:

Approval:

PEI use only	A	B	C1	C2	D1	D2	D3	E	F	G	H	I	J1	J2		J3	K	L	M
			DOT		EPA		WA DOE					DOT	Land Disposal Restriction						
Disposition	Item#	Description (Chemical & Physical)	ID#	Packing Group	Waste Code	Sub Cat	Waste Code	Solid Liquid	# of Cont	Container Type/Size	Waste Amount	RQ (lb)	Alt Trt INCIN *	Specified Tech 40 CFR 268.40	Specified Tech Tech Code	Meets Stnd No Trt Req'd	State Waste Only	DOT Reg Only	Non reg Waste Only
		Ethyl Bromoacetate						L	1	500g GL	15%								
		Ethyloxalate						L	1	1L GL	40%								
		Adrenalin Chloride						L	1	2oz GL	60%								
		Vinyl Isocyanoacetate						L	1	4oz GL	80%								
		Pancreatin						L	1	4oz GL	30%								
		O-Toluidine						L	1	100mL GL	100%								
		Malachite Green						L		PL 100mL	70%								
		2-dimethylaminoethanethiohydrochloride						L	1	GL 4oz	50%								
		N-Butyl Isothiocyanate						L	1	GL 8oz	30%								
		Acetocarmine Stain						L	1	GL 2oz	100%								
		M-Dichlorobenzene						L	1	GL 10mL	25%								
		2,4 Dinitrophenol Hydrazine						L	1	PL 500mL	90%								
		Benedict's Solution						L	1	GL 8oz	20%								
		Adrenaline Chloride						L	1	GL 2oz	90%								
		~~Acetothiamine Bromide (Apparently Relabeled as Acetylcholine Bromide)~~	GLH					~~L~~	~~1~~	~~GL 2oz~~	~~100%~~	DLH							
		Pancreatin						L	1	GL 4oz	100%								
		O-Toluoyl Chloride						L	1	GL 2oz	50%								
		~~Phenol Red Indicator~~ GLH	H					~~L~~	~~1~~	~~PL 2oz~~	~~80%~~	GLH	H						
		Thymolphthalein						L	1	PL 2oz	80%								
		~~Sodium Hypo~~ GLH																	
		1-Chloro-2-Butene						L	1	GL 1pt	20%								
		Lauroyl Chloride						L	1	GL pt	30%								
		Levulinic Acid Technical						L	1	GL 1L	50%								
		Glyoxal 30% in Water						L	1	GL 500mL	30%								
		Potassium Iodide-Iodate						L	1	PL 250mL	100%								
		Turtox Colchicine Solution						L	1	GL 100mL	100%								

* following wastes are prohibited from alternative labpack treatment standard (INCIN): D009, F019, K003-6, K062, K071, K100, K106, P010-12, P076, P078, U134, U151. Fill out J2

...s, PL=Plastic, CB=Cardboard, CBT=CB tube, P=Paper

G=Gallon, qt=Quart, pt=Pint, L=Liter, mL=Milliliter, lb=Pound, oz=Ounce, g=Gram, mg=Milligram

PHILIP ENVIRONMENTAL ATTACHMENT TO HAZARDOUS WASTE MANIFEST#
LABPACK/COMMERCIAL PRODUCT PACK (Circle One)

(39)

Generator: USEPA Chemical Removal
EPA ID#: KSP000000652
DOT PSN:
Constituents:
Haz Class: Poisonous Liquids 6.1
EPA Codes:

Drum # 800-653
Drum Type/Size: 17H 55G
Total Vol./Wt.:
DOT ID#: PG: RQ= lb
State Codes:

Project #:
Profile#:

Date:
Rec'v. Facility:
Transporter:

(Circle RQ constituent, otherwise specify):
Labels:
Approval:

PEI use only Disposition	A Item#	B Description (Chemical & Physical)	C1 DOT ID#	C2 DOT Packing Group	D1 EPA Waste Code	D2 EPA Sub Cat	D3 WA DOE Waste Code	E Solid/Liquid	F # of Cont	G Container Type/Size	H Waste Amount	I DOT RQ (lb)	J1 Land Disposal Restriction Alt Trt INCIN *	J2 Specified Tech 40 CFR 268.40	J2 Specified Tech Tech Code	J3 Meets Stnd No Trt Req'd	K State Waste Only	L DOT Reg Only	M Non-reg Waste Only
		Molybdate Solution						L	1	PL 250ml	10%								
		Ammonium Acetate						L	1	GL 1QT	60%								
		Guaiacol						L	1	1 LB	70%								
		2-Thiophenemethanol						L	1	2 oz	80%								
		O-Tolidine						L	1	50ml	60%								
		Cresol Red						L	1	PL 16oz	100%								
		Metacresol Purple						L	1	PL 16oz	100%								
		Methopurple Indicator						L	1	PL 32oz	40%								
		Buffer Solution for Wright Stain						L	1	GL 4oz	10%								
		Thymol Blue						L	1	PL 1L	100%								
		Methyl Red						L	1	PL L	20%								
		Phenol Red						L	1	PL 500ml	100%								
		Thymolphthalein						L	1	PL L	70%								
		Acetocarmine Stain						L	1	GL 500ml	10%								
		Bromocresol Green .04%						L	1	PL 850ml	100%								
		Litmus Blue Solution						L	1	PL 500ml	40%								
		Sulfo Orange						L	1	GL 8oz	30%								
		Methylene Blue Reagent						L	1	GL 16oz	100%								
		Pylam Fluorescent Yellow						L	1	GL 8oz	100%								
		Methylene Blue Standard						L	1	PL 4oz	50%								
		Thymolphthalein						L	1	GL 500ml	90%								
		Acetocarmine Stain						L	1	GL 2oz	100%								
		Sodium Tungstate						L	1	PL 500ml	50%								
		Gentian Violet						L	1	GL PT	40%								
		Poisonous Liquid unknown Hazard # 150						L	1	GL 1L	10%								
		Poison Liquid unknown Hazard # 134						L	1	PL QT	50%								
		Unknown Plant Garden Spray						L	1	PL QT	30%								

* (J1) The following wastes are prohibited from alternative labpack treatment standard (INCIN): D009, F019, K003-6, K062, K071, K100, K106, P010-12, P076, P078, U134, U151. Fill out J2

M=Metal, GL=Glass, PL=Plastic, CB=Cardboard, CBT=CB tube, P=Paper

G=Gallon, qt=Quart, pt=Pint, L=Liter, ml=Milliliter, lb=Pound, oz=Ounce, g=Gram, mg=Milligram

PHILIP ENVIRONMENTAL ATTACHMENT TO HAZARDOUS WASTE MANIFEST#

LABPACK/COMMERCIAL PRODUCT PACK (Circle One)

(34) Page: _

Date: _

Rec'v. Fa

Transport

Generator: US ETPi Citrace Remebite

EPA ID#: KSP000000652

DOT PSN:

Constituents:

Haz Class: Poisonous LiQuiDS 6.1

EPA Codes:

Drum #: 800-653

Drum Type/Size: 17H 55G

Total Vol./Wt.:

Project #:

Profile#:

(Circle RQ constituent, otherwise specify):

DOT ID#: PG: RQ= lb. Labels:

State Codes:

Approval:

PEI use only Dispo sition	A Item#	B Description (Chemical & Physical)	C1 DOT ID#	C2 DOT Packing Group	D1 EPA Waste Code	D2 EPA Sub Cat	D3 WA DOE Waste Code	E Solid/Liquid	F # of Cont	G Container Type/Size	H Waste Amount	I DOT RQ (lb)	J1 Land Disposal Restriction Alt Trt INCIN *	J2 Specified Tech 40 CFR 268.40	J2 Specified Tech Tech Code	J3 Meets Stnd No Trt Req'd
		Poisonous Liquid UK, CBR-L30, HazCat#32						L	1	PL 1QT	100%					
		Poisonous Liquid UK, Poison Symbol						L	1	PL 500ML	80%					
		Pitence Red						L	1	PL 1QT	100%					
		Poisonous Liquid Unknown HazCat#105						L	1	PL 1QT	10%					
		3M Scratch Remover						L	1	PL 1QT	40%					
		Poison Liquid UK, Blue, Poison Label						L	1	PL 500ML	70%					
		Poison Liquid UK, Pink, Poison Label						L	1	PL 500ML	60%					
		Poison Liquid UK, Haz Cat # 117						L	1	GL 8oz	80%					
		Poison Liquid UK, HazCat # 4						L	1	GL 2oz	100%					
		Poison Liquid UK, HazCat # 113						L	1	GL 2oz	100%					
		Calcium Nitrate • H2O HazCat# 15						L	1	GL 8oz	20%					
		Poison Liquid UK, Chemac # 652						L	1	GL 500ML	100%					
		Poison Liquid UK, HazCat# 151						L	1	GL 2Kg	5%					
		Offset Electrostatic Solution, HazCat# 126						L	1	PL GAL	100%					
		Clear Substractive Plate Gum, HazCat#124						L	1	PL GAL	100%					
		Poison Liquid UK, Haz Cat # 116						L	1	GL 8oz	20%					
		Poison Liquid UK, Haz Cat # 24						L	1	GL 1L	50%					
		MCL 225 Rinse Additive						L	1	PL GAL	100%					
		Johnson Wax, Haz Cat # 127						L	1	PL GAL	15%					
		Poison Liquid UK, Labeled Isopropyl Alcohol						L	1	PL GAL	50%					
		Ethyl Chlorothioformate						L	1	GL 100ML	100%					
		Simple Green II Disinfectant						L	1	PL PT	15%					
		Poisonous Liquid UK, HazCat # 116						L	1	GL 1LB	40%					
		Poisonous Liquid UK, Haz Cat # 13						L	1	GL 1PT	50%					
		[signature] 7/3/96														

*J1 The following wastes are prohibited from alternative labpack treatment standard (INCIN): D009, F019, K003-6, K062, K071, K100, K106, P010-12, P076, P078, U134, U151. Fill out J2

M=Metal, GL=Glass, PL=Plastic, CB=Cardboard, CBT=CB tube, P=Paper

G=Gallon, qt=Quart, pt=Pint, L=Liter, mL=Milliliter, lb=Pound, oz=Ounce, g=Gram, mg=Mil

PHILIP ENVIRONMENTAL ATTACHMENT TO HAZARDOUS WASTE MANIFEST# _____ (10) Page: 1 of 1

LABPACK/COMMERCIAL PRODUCT PACK (Circle One) Drum # 800-654 Project #: _____ Date: _____

Generator: US EPA Chemco Superfund Site Drum Type/Size: 17H 55G Profile#: _____ Rec'v. Facility _____

EPA ID#: KSF000000652 Total Vol./Wt. _____ Transporter: _____

DOT PSN: _____

Constituents: _____ (Circle RQ constituent, otherwise specify): _____

Haz Class: Oxidizers DOT ID#: _____ PG: _____ RQ= _____ lb. Labels: _____

EPA Codes: _____ State Codes: _____ Approval: _____

FEI use only: Disposition	A: Items	B: Description (Chemical & Physical)	C1: DOT ID#	C2: DOT Packing Group	D1: EPA Waste Code	D2: EPA Sub Cat	D3: WA DOE Waste Code	E: Solid/Liquid	F: # of Cont	G: Container Type Size	H: Waste Amount	I: DOT RQ (lb)	J1: Land Disposal Restriction: Alt Trt (NCIN) *	J2: Land Disposal Restriction: Specified Tech 40 CFR 268.40	J2: Land Disposal Restriction: Specified Tech Tech Code	J3: Land Disposal Restriction: Meets Stnd No Trt Req'd	K: State Waste Only	L: DOT Reg Only	M: Non reg Waste Only
		Lithium Nitrate			D001			S	5	6L/5 lb	100L							
		Sodium Nitrate			D001			S	1	6L/5 lb	50%							
		Potassium Permanganate			D001			S	1	6L/5 lb	50%							
		Ammonium Persulfate			D001			S	44	6L/5cc,	100%							
		Ammonium Nitrate			D001			S	2	6L/1 lb	100%							
		Ammonium Persulfate			D001			S	2	6L/1 lb	100%							
		Lithium Nitrate			D001			S	1	6L/1 lb	10%							
		Lithium Nitrate			D001			S	1	6L/1 Kg	100%							
		Sodium Perchlorate			D001			S	2	6L/1 lb	70%							
		Cerium Ammonium Nitrate			D001			S	1	6L/1 lb	70%							
		Potassium Permanganate Pure			D001			S	1	PL/500g	20%							
		Ammonium Dichromate Photograp...			D001			S	1	PL/1 lb	70%							
		Chromium Trioxide			D002, D007, D001			S	1	6L/1 lb	30%							
		Barium Peroxide Anhydrous			D001, D005			S	1	6L/1 lb	40%							
		Barium Peroxide Anhydrous			D001, D005			S	3	6L/½ lb	100%							
		Sodium Peroxide			D001			S	1	6L/250ml	100%							
		Sodium Peroxide			D001			S	1	6L/250ml	100%							
		Sodium Peroxide			D001			S	1	6L/250ml	10%							
		Magnesium Nitrate			D001			S	1	6% 4oz	90%							
		Potassium Nitrite			D001			S	1	PL/250ml	50%							
		Potassium Nitrite			D001			S	1	6L/250ml	50%							
		Lithium Nitrate			D001			S	1	6L/½ lb	50%							
		Barium Peroxide			D001, D005			S	1	6L/4 oz	40%							

*J1 The following wastes are prohibited from alternative labpack treatment standard (NCIN): D009, F019, K001-6, K062, K071, K100, K106, P010-12, P076, P078, U134, U151. Fill out J2.

M: Metal, GL=Glass, PL=Plastic, CB=Cardboard, CBT=CB tube, P=Paper

G=Gallon, qt=Quart, pt=Pint, L=Liter, ml=Milliliter, lb=Pound, oz=Ounce, g=Gram, mg=Milligram

PHILIP ENVIRONMENTAL ATTACHMENT TO HAZARDOUS WASTE MANIFEST#

LABPACK/COMMERCIAL PRODUCT PACK

(Circle One) Drum # 800-655 Project #:

Page: 1 of 1

Generator: USEPA Chemco Removal Drum Type/Size: 17H 55G Profile#: Date:

EPA ID#: KSP000000652 Total Vol./Wt.: Rec'v. Facility:

DOT PSN: Transporter:

Constituents:

Haz Class: CLASS 9 MISC/Pesticides DOT ID#: PG: RQ= lb. Labels: (Circle RQ constituent, otherwise specify):

EPA Codes: State Codes: Approval:

PEI use only Disposition	A Item #	B Description (Chemical & Physical)	C1 DOT ID#	C2 DOT Packing Group	D1 EPA Waste Code	D2 EPA Sub Cat	D3 WATER Waste Code	E Solid/ Liquid	F # of Cont	G Container Type/Size	H Waste Amount	I DOT RQ (lb)	J1 Land Disposal Restriction Alt. Trt. (NCIN) *	J2 Specified Tech. 40 CFR 268.40	J2 Specified Tech. Tech Code	J3 Meets Stnd. No Trt Req'd	K State Waste Only	L DOT Reg Only	M Non reg Waste Only
		barium carbonate			D005			S	1	PL/1g	50%								
		barium carbonate, precip. lotted			D005			S	1	PL/1g	50%								
		chromium potassium sulfate			D007			S	1	G/1g	25%								
		chromium acetate			D007			S	1	G/1g	50%								
		barium carbonate			D005			S	1	G/1qt	10%								
		chromium potassium sulfate			D007			S	1	G/1qt	30%								
		Chromium Chloride			D007			S	1	GL/1 lb	60%								
		Dichlorobenzidine Dihydrochloride			U073			S	1	GL/1 lb	100%								
		Chromium Acetate			D007			S	1	GL/40z	50%								
		Dimethyl Phthalate						L	1	GL/500ml	90%								
		Chromium Acetate			D007			S	1	GL/40z	50%								
		2,4-Dichlorophenol			U081			S	1	PL/300g	80%								
		2,4-Dimethylphenol			U101			L	1	GL/100g	40%								
		sulfur						S	1	gl/1 lb	100%								
		malathion 50% spray						L	1	pl/16oz	50%								
		sulfur, sublimed						S	1	pl/4oz	50%								
		sulfur, flowers																	

*J1 The following wastes are prohibited from alternative labpack treatment standard (NCIN): D009, F019, K001-6, K062, K071, K100, K106, P010-12, P076, P078, U134, U151. Fill out J2

M: Metal, GL=Glass, PL=Plastic, CB=Cardboard, CBT=CB tube, P=Paper

G=Gallon, qt=Quart, pt=Pint, L=Liter, ml=Milliliter, lb=Pound, oz=Ounce, g=Gram, mg=Milligram

PHILIP ENVIRONMENTAL ATTACHMENT TO HAZARDOUS WASTE MANIFEST# (42) Page: 1 of 3

LABPACK/COMMERCIAL PRODUCT PACK (Circle One) Drum # 800-656 Project #: Date:

Generator: USCFA Regn. VII Drum Type/Size: 17H 55G Profile#: Rec'v. Facility

EPA ID#: KSR000000652 Total Vol./Wt. Transporter:

DOT PSN:

Constituents: (Circle RQ constituent, otherwise specify):

Haz Class: 6.1 Poison Solid DOT ID#: PG: RQ= lb. Labels:

EPA Codes: State Codes: Approval:

FEI use only Disposition	A Items#	B Description (Chemical & Physical)	C1 DOT ID#	C2 DOT Packing Group	D1 EPA Waste Code	D2 Sub Cat	D3 WA DOE Waste Code	E Solid/ Liquid	F # of Cont	G Container Type/Size	H Waste Amount	I DOT RQ (lb)	J1 Land Disposal Restriction Aff. Trt INCIN *	J2 Specified Tech 40 CFR 268.40	J2 Specified Tech Tech Code	J3 Meets Stnd No Trt Req'd	K State Waste Only	L DOT Reg Only	M Non reg Waste Only
		potassium chromate						S	1	5Kg	200g								
		potassium phosphate dibasic						S	1	3Kg	3kg								
		magnesium sulfate						S	2	5lb	5lb								
		Nickel Acetylacetonate						S	1	100g	100g								
		manganous sulfate						S	1	100g	100g								
		magnesium oxide						S	1	1lb	1lb								
		manganous chloride						S	2	1lb	2lb								
		isophthalic Acid						S	1	1lb	1lb								
		d-l- Norvaline						S	1	1Kg	1Kg								
		Nickel Ammonium sulfate						S	125g	25g	25g								
		1-Naphalene sulfonic acid						S	2	1lb	1lb								
		Bacto yeast extract						S	1	100g	100g								
		potassium bitartrate						S	1	1lb	1lb								
		pepsin						S	2	1lb	2lb								
		DL malic Acid						S	1	1lb	1lb								
		p-Phenylacetamidine						S	1	1Kg	1Kg								
		L-Naphthyl isothiocyanate						S	1	1Kg	1Kg								
		potassium Acetate						S	1	5g	5g								
		potassium Sulfate						S	6	1lb	6lb								
		potassium Acetate						S	1	1Kg	1Kg								
		potassium phosphate						S	1	1Kg	1Kg								
		potassium acid phthalate						S	3	4oz	4oz								
		potassium phosphate dibasic						S	11	1/4lb	2lb								
		phthalimide potassium salt						S	1	1Kg	1Kg								
		potassium sulfite						S	1	500g	500g								
		potassium bromide						S	1	500g	500g								
								S	1	1lb	1lb								

* J1 - The following wastes are prohibited from alternative labpack treatment standard (INCIN): D009, D019, K003-6, K062, K071, K100, K106, P010-12, P076, P078, U134, U151. Fill out J2

** Metal, GL=Glass, PL=Plastic, CB=Cardboard, CBT=CB tube, P=Paper

G=Gallon, qt=Quart, pt=Pint, L=Liter, ml=Milliliter, lb=Pound, oz=Ounce, g=Gram, mg=Milligram

PHILIP ENVIRONMENTAL ATTACHMENT TO HAZARDOUS WASTE MANIFEST#
LABPACK/COMMERCIAL PRODUCT PACK

(Circle One)

(13) Page: 2 of 3

Generator: USEPA Region VII
EPA ID#: KSP 000000652
DOT PSN:
Constituents:
Haz Class: 6.1 Poison solid
EPA Codes:

Drum #: 800-656
Drum Type/Size: 17H 55G
Total Vol./Wt.:

Project #:
Profile#:

Date:
Rec'v. Facility:
Transporter:

DOT ID#: PG: RQ= lb. Labels:

(Circle RQ constituent, otherwise specify):

State Codes:

Approval:

EQ use only Disposition	A Item #	B Description (Chemical & Physical)	C1 DOT ID#	C2 DOT Packing Group	D1 EPA Waste Code	D2 EPA Sub Cat	D3 WA DOE Waste Code	E Solid/Liquid	F # of Cont	G Container Type/Size	H Waste Amount	I DOT RQ (lb)	J1 Alt. Trt INCIN *	J2 Specified Tech 40 CFR 268.40	J2 Tech Code	J3 Meets Stnd No Trt Req'd	K State Waste Only	L DOT Reg Only	M Non reg Waste Only
		Potassium aluminum sulfate						S	1	500g	500g								
		Potassium bicarbonate						S	1	1lb	1lb								
		Potassium acetate						S	1	500g	500g								
		Potassium acid phthalate						S	2	200g	400g								
		Potassium bromide						S	1	3kg	3kg								
		Potassium sodium tartrate						S	1	5lb	1lb								
		Potassium phosphate dibasic						S	1	¼lb	¼lb								
		Potassium acid phthalate						S	1	¼lb	¼lb								
		Potassium borate						S	1	1lb	¼lb								
		Potassium carbonate						S	1	10lb	10lb								
		Sodium saccharin						S	1	368g	368g								
		Ethyl cellulose						S	1	500g	500g								
		Sodium acetate						S	1	1lb	1lb								
		Potassium sodium tartrate						S	1	2oz	2oz								
		~~[illegible]~~ poison solid n.o.s.						S	1	¼lb	¼lb								
		Sodium barbituric acid						S	1	10g	10g								
		Cadmium chloride			D006			S	1	5kg	5kg								
		Calcium sulphate						S	1	1lb	1lb								
		Polyvinyl pyrrolidone K-30						S	1	500g	500g								
		Tris(hydroxymethyl)aminomethane						S	1	100g	100g								
		Barium selenite			D005			S	1	100g	100g								
		Ichthyol						S	1	5g	5g								
		Ninhydrin						S	1	1g	1g								
		Quinaldine hydrochloride						S	1	5kg	1kg								
		Rosin						S	1	3kg	1kg								
		Quebracho (large rock)						S	1	5lb	5lb								
		Resorcin						S	1	1oz	1oz								

(1) The following wastes are prohibited from alternative labpack treatment standard (INCIN): D009, F019, K003-6, K062, K071, K100, K106, P010-12, P076, P078, U134, U151. Fill out J2

M=Metal, Gl=Glass, PL=Plastic, CB=Cardboard, CBT=CB tube, P=Paper

G=Gallon, qt=Quart, pt=Pint, L=Liter, mL=Milliliter, lb=Pound, oz=Ounce, g=Gram, mg=Milligram

PHILIP ENVIRONMENTAL ATTACHMENT TO HAZARDOUS WASTE MANIFEST#

LABPACK/COMMERCIAL PRODUCT PACK (Circle One)

Drum #: 800656
Project #:
Date:

Generator: USEPA Region VII
Drum Type/Size: 17H 55G
Profile#:
Rec'v. Facility:

EPA ID#: KSP000000852
Total Vol./Wt.:
Transporter:

DOT PSN:

Constituents: (Circle RQ constituent, otherwise specify):

Haz. Class: Poison Solid 6.1
DOT ID#:
PG:
RQ= lb.
Labels:

EPA Codes:
State Codes:
Approval:

FEI use only Disposition	A Item #	B Description (Chemical & Physical)	E Solid/Liquid	F # of Cont	G Container Type/Size	H Waste Amount	I DOT RQ (lb)
		Potassium tartrate	S	1	500g	500g	
		Acid pyrogallic	S	5	¼lb	1lb	
		Potassium chloride	S	1	¼lb	1lb	
		Shellac	S	1	1lb	1lb	
		Salicylic acid	S	1	¼lb	¼lb	
		Stannous oxide	S	1	100g	30g	
		Sodium acetate	S	1	50g	50g	
		Sodium bismuthate	S	1	50g	50g	
		Potash (sulfurated)	S	1	¼lb	¼lb	
		Sodium potassium tartrate	S	1	10g	10g	
		disodium ethylenediamine tetraacetate	S	1	10g	10g	
		Sodium naphthionate	S	1	10g	10g	
		Sodium-p-diphenylamine sulfonate	S	1	10g	10g	
		Salicin	S	1	5g	10g	

Columns C1 (DOT ID#), C2 (DOT Packing Group), D1 (EPA Waste Code), D2 (EPA Sub Cat), D3 (WA DOE Waste Code), J1 (Land Disposal Restriction: Alt Trt INCIN *), J2 (Specified Tech: 40 CFR 268.40; Tech Code), J3 (Meets Stnd: No Trt Req'd), K (State Waste Only), L (DOT Reg Only) and M (Non reg Waste Only) are blank.

* The following wastes are prohibited from alternative labpack treatment standard (INCIN): D009, F019, K003-6, K062, K071, K100, K106, P010-12, P076, P078, U134, U151. Fill out J2

M=Metal, GL=Glass, PL=Plastic, CB=Cardboard, CBT=CB tube, P=Paper

G=Gallon, qt=Quart, pt=Pint, L=Liter, ml=Milliliter, lb=Pound, oz=Ounce, g=Gram, mg=Milligram

PHILIP ENVIRONMENTAL ATTACHMENT TO HAZARDOUS WASTE MANIFEST#

LABPACK/COMMERCIAL PRODUCT PACK

(Circle One)

(48) Page: 1 of 2

Generator: U.S EPA Chemco Superfund Site — Drum #: 800-657 — Project #: — Date:

EPA ID#: KYSFD000000652 — Drum Type/Size: 17H 55g — Profile#: — Rec'v. Facility:

DOT PSN: — Total Vol./Wt. — Transporter:

Constituents:

Haz Class: Corrosive (Base Solids) 8.0 (8B2) — DOT ID#: — PG: — RQ= — lb. — (Circle RQ constituent, otherwise specify): — Labels:

EPA Codes: — State Codes: — Approval:

EPI use only Disposition	A Item#	B Description (Chemical & Physical)	C1 DOT ID#	C2 DOT Packing Group	D1 EPA Waste Code	D2 EPA Sub Cat	D3 WA DOE Waste Code	E Solid/Liquid	F # of Cont	G Container Type/Size	H Waste Amount	I DOT RQ (lb)	J1 Land Disposal Restriction All Trt INCIN *	J2 Specified Tech 40 CFR 268.40	J2 Specified Tech Tech Code	J3 Meets Stnd No Trt Req'd	K State Waste Only	L DOT Reg Only	M Non reg Waste Only
		~~potassium phosphate monobasic~~						~~S~~	1	PL/1g	2Kg	~~100#~~							
		calcium silicate						S	1	Pl/1g	5lb								
		calcium oxide						S	1	g/1g	1lb								
		corrosive solid nos (hycat)						S	1	g/1qt	100%								
		corrosive solid nos (hycat)						S	1	g/1L	80%								
		lanthanum oxide						S	2	g/1qt	100%								
		corrosive solid nos. (hycat)						S	1	g/1qt	25%								
		4-methoxy-6-methyl-m-phenylenediamine						S	1	g/1pt	50%								
		hydroxylamine hydrochloride						S	1	g/1qt	50%								
		hydroxylamine hydrochloride						S	1	g/1qt	50%								
		calcium sulfide						S	1	Pl/1qt	100%								
		hydroxylamine hydrochloride						S	1	g/1pt	100%								
		hydroxylamine hydrochloride						S	1	g/1qt	50%								
		sodium bicarbonate						S	1	g/1lb	100%								
		2-amino-2-methyl-3-Hexanol			D002			S	1	Pl/1qt	50%								
		biotet			D002			S	1	gl/1lb	100%								
		sulfathiazole sodium						S	1	gl/¼lb	50%								
		2phenyl-phenol						S	1	gl/1Kg	100%								
		sodium carbonate monohydrate						S	5	gl/1Kg	100%								
		sodium stannate						S	1	Pl/100g	100%								
		potassium phosphate tribasic						S	1	gl/1lb.	100%								
		potassium hydrogen phthlate						S	3	gl/4oz	100%								
		sodium bicarbonate						S	4	gl/1lb.	100%								
		sodium silicate			D002			S	1	gl/1oz	100%								
		sodium borate						S	4	gl/1lb	100%								
		calcium hydroxide						S	5	gl/1lb.	100%								
		potassium silicate			D002			S	1	gl/250g	100%								

*J1 The following wastes are prohibited from alternative labpack treatment standard (INCIN): D009, D019, K003-6, K062, K071, K100, K106, P010-12, P076, P078, U134, U151. Fill out J2

M-Metal, GL=Glass, PL=Plastic, CB=Cardboard, CBL=CB lube, P=Paper

G=Gallon, qt=Quart, pt=Pint, L=Liter, ml=Milliliter, lb=Pound, oz=Ounce, g=Gram, mg=Milligram

PHILIP ENVIRONMENTAL ATTACHMENT TO HAZARDOUS WASTE MANIFEST# _____ (MD) Page: 2 of 2

LABPACK/COMMERCIAL PRODUCT PACK (Circle One) Drum # 800-657 Project #: _____ Date: _____

Generator: Clemco Superfund Removal (USEPA) Drum Type/Size: 17H 55g Profile#: _____ Rec'v. Facility _____

EPA ID#: KYSFO000000652 Total Vol./Wt. _____ Transporter: _____

DOT PSN: _____

Constituents: _____ (Circle RQ constituent, otherwise specify): _____

Haz Class: Corrosive Base Solids (8BS) DOT ID#: _____ PG: _____ RQ= _____ lb. Labels: _____

EPA Codes: _____ State Codes: _____ Approval: _____

PEI use only: Disposition	A: Item #	B: Description (Chemical & Physical)	C1: DOT ID#	C2: DOT Packing Group	D1: EPA Waste Code	D2: EPA Sub Cat	D3: WA DOE Waste Code	E: Solid/Liquid	F: # of Cont	G: Container Type/Size	H: Waste Amount	I: DOT RQ (lb)	J1: Land Disposal Restriction: All Trt INCIN *	J2: Specified Tech 40 CFR 268.40	J2: Specified Tech Tech Code	J3: Meets Stnd No Trt Req'd	K: State Waste Only	L: DOT Reg Only	M: Non-reg Waste Only
		potassium hydroxide			D002			S	1	GL/5-lb	100%								
		Sodium Sulfite, anhydrous						S	2	gl/10lb	100%								
		trisodium phosphate						S	1	pl/5lb	100%								
		hydroxylamine hydrochloride						S	1	gl/100g	100%								
		sodium phosphate tribasic						S	2	gl/11b.	100%								
		drain pipe cleaner (sodium hydroxide)						S	1	p/10lb.	100%								
		sodium calcium hydroxide						S	1	pl/11b.	100%								
		sodium bicarbonate						S	1	p/11b	100%								
		trisodium phosphate						S	1	gl/11b.	100%								
		sodium carbonate						S	1	pl/11b	25%								
		sodium phosphate, tribasic																	
		hydroxylamine hydrochloride																	

*J1 The following wastes are prohibited from alternative labpack treatment standard (INCIN): D009, D019, K003 6, K062, K071, K100, K106, P010 12, P076, P078, U134, U151. Fill out J2

M: Metal, GL: Glass, PL: Plastic, CB: Cardboard, CBT: CB tube, P: Paper

G: Gallon, qt: Quart, pt: Pint, L: Liter, ml: Milliliter, lb: Pound, oz: Ounce, g: Gram, mg: Milligram

PHILIP ENVIRONMENTAL ATTACHMENT TO HAZARDOUS WASTE MANIFEST#
LABPACK/COMMERCIAL PRODUCT PACK (Circle One)

(RT) Page: 1 of 1

Generator: USEPA Chemo Removal
EPA ID#: KSP#0000000652
DOT PSN:
Constituents: Cor
Haz Class: corrosive (base liquids) 8BL DOT ID#: PG: RQ= lb.
EPA Codes:

Drum #: 800-658
Drum Type/Size: 17H 55g
Total Vol/Wt:

Project #:
Profile#:
State Codes:

Date:
Rec'v. Facility
Transporter:

(Circle RQ constituent, otherwise specify):
Labels:
Approval:

(*) use only Disposition	A Item#	B Description (Chemical & Physical)	C1 DOT ID#	C2 DOT Packing Group	D1 EPA Waste Code	D2 EPA Sub Cat	D3 WA DOE Waste Code	E Solid/Liquid	F # of Cont	G Container Type/Size	H Waste Amount	I DOT RQ (lb)	J1 Land Disposal Restriction Alt Trt INCIN *	J2 Specified Tech 40 CFR 268.40	J2 Specified Tech Tech Code	J3 Meets Stnd No Trt Req'd	K State Waste Only	L DOT Reg Only	M Non reg Waste Only
—	—	2-ethyl hexamine hexylamine						L	1	Gl/1qt	25%								
—	—	conc. sodsy ammonia dilute			D002			L	1	gl/1g	25%								
—	—	cyclohexylamine			D001, D002			L	1	gl/1g	50%								
—	—	cyclohexylamine			D001, D002			L	1	gl/1g	50%								
—	—	cyclohexylamine			D001, D002			L	1	gl/1g	50%								
—	—	aqua ammonium hydroxide						L	1	gl/1g	100%								
—	—	potassium hydroxide			D002			L	1	pl/1L	100%								
—	—	dicyclohexylamine			D002			L	1	gl/1pt	100%								
—	—	iso-propylamine						L	1	gl/1qt	100%								
—	—	sodium hydroxide solution			D002			L	1	pl/1qt	50%								
—	—	dicyclohexylamine						L	1	gl/1pt	50%								
—	—	ammonium hydroxide						S	1	pl/1pt	50%								
—	—	sodium hydroxide			D002			L	1	pl/1pt	25%								
—	—	alkyldimethylamine			D002			L	1	gl/1pt	25%								
—	—	iron reference solution						L	1	pl/500ml	100%								
—	—	0.2 n Sodium hydroxide solution			D002			L	1	pl/1pt	25%								
—	—	biuret reagent			D002			L	1	gl/500ml	10%								
—	—	potassium hydroxide			D002			L	1	pl/4oz	25%								
—	—	nesslers reagent for ammonia						L	1	gl/100ml	50%								
—	—	ethyl-2-bromoisobutyrate			D002			L	2	gl/100gm	50%								
—	—	2-aminodiethylamino pentane			D002			L	1	gl/250gms	10%								
—	—	sodium carbonate						L	1	gl/200ml	10%								
—	—	octylbutylamine						L	1	gl/4oz	20%								
—	—	tert-butyl-amine			D001, D002			L	1	gl/100g	10%								
—	—	Bis(1,3-dimethylbutyl) amine			D002			L	1	gl/150ml	10%								
—	—	corrosive base liq. nos (hazcat						L	4	gl/1pt	10%								
—	—	corrosive base liq. nos (hazcat)						L	1	gl/150ml	50%								

(*) The following wastes are prohibited from alternative labpack treatment standard (INCIN): D009, F019, K003-6, K062, K071, K100, K106, P010-12, P076, P078, U134, U151. Fill out J2

M=Metal, GL=Glass, PL=Plastic, CB=Cardboard, CBT=CB tube, P=Paper

G=Gallon, qt=Quart, pt=Pint, L=Liter, ml=Milliliter, lb=Pound, oz=Ounce, g=Gram, mg=Milligram

PHILIP ENVIRONMENTAL ATTACHMENT TO HAZARDOUS WASTE MANIFEST# _____ (98) Page: 1 of 3

LABPACK/COMMERCIAL PRODUCT PACK (Circle One) Drum # 800-654 Project #: _____ Date: _____

Generator: USEPA Chemco Removal Drum Type/Size: 17H 55G Profile#: _____ Rec'v. Facility _____

EPA ID#: KSD 000000652 Total Vol./Wt _____ Transporter: _____

DOT PSN: _____

Constituents: _____ (Circle RQ constituent, otherwise specify): _____

Haz Class: Corrosive Acid solids (8AS) DOT ID#: _____ PG: _____ RQ= _____ lb. Labels: _____

EPA Codes: _____ State Codes: _____ Approval: _____

PEI use only Disposition	A Item #	B Description (Chemical & Physical)	C1 (DOT) ID#	C2 (DOT) Packing Group	D1 (EPA) Waste Code	D2 (EPA) Sub Cat	D3 (WA DOE) Waste Code	E Solid/Liquid	F # of Cont	G Container Type/Size	H Waste Amount	I (DOT) RQ (lb)	J1 Land Disposal Restriction: Alt Trt (NCIN) *	J2 Specified Tech: 40 CFR 268.40	J2 Specified Tech: Tech Code	J3 Meets Stnd: No Trt Req'd	K State Waste Only	L DOT Reg Only	M Non-reg Waste Only
		myristic acid						S	2	gl/5gal	50%								
		copper chloride hydrate						S	1	pl/2.5kg	10%								
		iminodiacetic acid						S	1	gl/500gm	50%								
		bismuth subnitrate						S	1	dr/1lb	100%								
		bismuth subnitrate						S	2	gl/½lb	100%								
		Potassium Bisulfate						S	1	GL/1lb	70%								
		Potassium Citrate						S	1	PL/100g	30%								
		Potassium Citrate						S	1	GL/500g	80%								
		Sodium Meta Bisulfate						S	1	GL/500g	30%								
		Aluminum Chloride Xtals			D008			S	1	GL/500g	50%								
		Ferric Citrate						S	1	GL/1lb	100%								
		Glycerophosphoric Acid						S	1	GL/100g	60%								
		Ferric Ammonium Sulfate						S	1	GL/500ml	70%								
		Corrosive Acid Solid Unknown						S	1	GL/10ml	60%								
		bile salts						S	2	gl/½lb	100%								
		Aluminum chloride						S	1	pl/200g	100%								
		ferric ammonium sulfate						S	1	pl/1lb	50%								
		maleic acid						S	1	gl/250g	100%								
		maleic acid						S	1	pl/1kg	100%								
		2-bromoacetophenone						S	1	PL/1kg	100%								
		Selenous Acid						S	1	GL/100g	80%								
		Potassium Bisulfate						S	1	GL/1lb	80%								
		Aluminum Acetate						S	1	GL/½lb	70%								
		Corrosive Acid Solid Unknown						S	1	GL/150ml	10%								
		Sebacic Acid						S	1	GL/5lb	60%								
		Ferric Ammonium Sulfate						S	1	GL/1lb	50%								
		Corrosive Acid Solid Unknown						S	1	PL/500g	50%								

*J1 The following wastes are prohibited from alternative labpack treatment standard (NCIN): D009, D019, K003 6, K062, K071, K100, K106, P010 12, P076, P078, U134, U151. Fill out J2

M-Metal, GL=Glass, PL=Plastic, CB=Cardboard, CBT=CB tube, P=Paper

G=Gallon, qt=Quart, pt=Pint, L=Liter, ml=Milliliter, lb=Pound, oz=Ounce, g=Gram, mg=Milligram

PHILIP ENVIRONMENTAL ATTACHMENT TO HAZARDOUS WASTE MANIFEST# _____ Page: 2 of 3

LABPACK/COMMERCIAL PRODUCT PACK (Circle One) Drum # 800-659 Project #: _____ Date: _____

Generator: US EPA: Chemco Removal Drum Type/Size: 17H 55g Profile#: _____ Rec'v. Facility _____

EPA ID#: KSP000 652 = KSP000000 652 Total Vol./Wt. _____ Transporter: _____

DOT PSN: _____

Constituents: _____ (Circle RQ constituent, otherwise specify): _____

Haz Class: Corrosive Acid Solids (8AS) DOT ID#: _____ PG: _____ RQ= _____ lb. Labels: _____

EPA Codes: _____ State Codes: _____ Approval: _____

EE use only Disposition	A Item #	B Description (Chemical & Physical)	C1 DOT ID#	C2 DOT Packing Group	D1 EPA Waste Code	D2 EPA Sub Cat	D3 WATOX Waste Code	E Solids / Liquid	F # of Cont	G Container Type Size	H Waste Amount	I DOT RQ (lb)	J1 Land Disposal Restriction All Trt INCIN *	J2 Specified Tech 40 CFR 268.40	J2 Specified Tech Tech Code	J3 Meets Stnd No Trt Req'd	K State Waste Only	L DOT Reg Only	M Non-reg Waste Only
		Ferric Ammonium Sulfate						S	1	GL/500g	70%								
		Aluminum Acetate						S	1	GL/1 lb.	70%								
		Stannous Chloride Anhydrous						S	1	GL/400g	30%								
		Pectin (Citrus)						S	1	GL/250g	30%								
		Corrosive Acid Unknown, (hycat)						S	1	GL/500ml	70%								
		Corrosive Acid Unknown (hycat)						S	1	GL/500ml	10%								
		Corrosive Acid nos. (hycat)						S	1	GL/500ml	10%								
		sodium silicate Meta granular						S	1	PL/10lb	100%								
		sulfamic acid						S	1	PL/5Kg	100%								
		phenylboric acid						S	1	GL/2oz	100%								
		bile salts						S	1	GL/8oz	100%								
		tetrasodium pyrophosphate						S	1	PL/4Kg	100%								
		potassium bisulfite						S	1	PL/3Kg	100%								
		potassium bisulfite						S	1	PL/1lb.	100%								
		phosphorous oxide						S	1	GL/2Kg	50%								
		malic acid						S	1	GL/1Kg	100%								
		2-naphthalenesulfonyl chloride						S	1	GL/250g	50%								
		sulfonic acid						S	1	GL/100g	100%								
		stannous chloride						S	1	GL/1 lb.	50%								
		phosphoric acid						S	1	PL/1lb.	100%								
		trichloroacetic acid						S	1	GL/1oz	100%								
		zinc chloride			D001			S	1	GL/1lb	75%								
		zinc chloride			D001			S	1	GL/4lb	50%								
		tungstic acid						S	2	GL/100g	100%								
		oxalic acid.			D002			S	1	GL/4lb	100%								
		monochloroacetic acid						S	2	GL/1lb.	100%								
		sulfamilic acid						S	3	GL/1lb.	100%								

* The following wastes are prohibited from alternative labpack treatment standard (INCIN): D009, F019, K003-6, K062, K071, K100, K106, P010-12, P076, P078, U134, U151. Fill out J2.

M: Metal, GL=Glass, PL=Plastic, CB=Cardboard, CBT=CB tube, P=Paper

G=Gallon, qt=Quart, pt=Pint, L=Liter, ml=Milliliter, lb=Pound, oz=Ounce, g=Gram, mg=Milligram

PHILIP ENVIRONMENTAL ATTACHMENT TO HAZARDOUS WASTE MANIFEST# ____________ (50) **Page:** 3

LABPACK/COMMERCIAL PRODUCT PACK (Circle One)

Generator: USEDA Clemco Aerosol

EPA ID#: KSP000000652

DOT PSN:

Constituents:

Haz Class: Corrosive Acid Solids (8AS) DOT ID#: PG: RQ= lb. Labels:

EPA Codes:

Drum #: 800-659 Project #: Date:

Drum Type/Size: 17H 55g Profile#: Rec'v. Facility:

Total Vol./Wt.: Transporter:

(Circle RQ constituent, otherwise specify):

State Codes: Approval:

PEI use only	A	B	C1	C2	D1	D2	D3	E	F	G	H	I	J1	J2		J3	K	D R C
			DOT		EPA		WA DOE					DOT	Land Disposal Restriction					
													Alt. Trt.	Specified Tech		Meets Stnd		
Disposition	Item#	Description (Chemical & Physical)	ID#	Packing Group	Waste Code	Sub Cat	Waste Code	Solid/Liquid	# of Cont	Container Type/Size	Waste Amount	RQ (lb)	INCIN *	40 CFR 268.40	Tech Code	No Trt Req'd	State Waste Only	
		Silic acid						S	1	gl / 1lb	100%							
		chromium oxide			D007			S	2	gl / 1lb	100%							
		sodium metabisulphite						S	1	gl / 1lb.	100%							
		trichloromethylphosphric acid						S	1	gl / 200g	100%							
		metaphosphoric acid						S	1	gl / 1/4 lb	100%							
		phosphorus pentoxide						S	1	gl / 500g	100%							
		Sulfamic acid crystal						S	2	pl / 1pt	25%							
		trichloro acetic acid						S	1	gl / 16oz.	100%							
		triphenyltin chloride						S	1	gl / 2gm.	100%							
		Sodium meta bisulfite						S	1	b / 10Kg	100%							
		napthalene 2 sulfonyl chloride						S	1	g / 4oz	100%							
		b-(1-naphtyl propionic acid)						S	1	g / 4oz	100%							
		4,5, dihydroxy 2,7						S	1	g / 4oz	100%							
		napthalenedisulfonic acid						S	1	g / 1pt	50%							
		a-chloro-a'a-diphenylacetylchloride						S	1	g / 4oz	100%							

*J1 The following wastes are prohibited from alternative labpack treatment standard (INCIN): D009, F019, K003-6, K062, K071, K100, K106, P010-12, P076, P078, U134, U151. Fill out J2

M=Metal, GL=Glass, PL=Plastic, CB=Cardboard, CBT=CB tube, P=Paper

G=Gallon, qt=Quart, pt=Pint, L=Liter, ml=Milliliter, lb=Pound, oz=Ounce, g=Gram, mg=Milligram

PHILIP ENVIRONMENTAL ATTACHMENT TO HAZARDOUS WASTE MANIFEST#

LABPACK/COMMERCIAL PRODUCT PACK (Circle One)

Generator: USEPA Region VII Citemco Removal

EPA ID#: KSD000000652

DOT PSN:

Constituents:

Haz Class: Poison Solid 6.1 DOT ID#: PG: RQ= lb. Labels:

EPA Codes: State Codes: Approval:

Drum # 800-660 Project #: Date:

Drum Type/Size: 17H 55g Profile#: Rec'v. Facility

Total Vol./Wt. Transporter:

(Circle RQ constituent, otherwise specify):

FFI use only Disposition	A Item#	B Description (Chemical & Physical)	C1 DOT ID#	C2 DOT Packing Group	D1 EPA Waste Code	D2 EPA Sub Cat	D3 WA DOE Waste Code	E Solid/Liquid	F # of Cont	G Container Type/Size	H Waste Amount	I DOT RQ (lb)	J1 Alt Trt INCIN *	J2 Specified Tech 40 CFR 268.40	J2 Specified Tech Tech Code	J3 Meets Stnd No Trt Req'd	K State Waste Only	L DOT Reg Only	M Non reg Waste Only
		Calcium carbonate						S	1	5gal	5gal								
		Absorptive magnesia						S	1	2.5kg	2.5kg								
		Sodium acetate						S	2	500g	500g								
		Sodium acetate						S	2	3kg	3kg								
		~~sodium acetate~~																	
		Sodium citrate						S	1	1lb	1lb								
		Sodium bismuthate						S	1	1lb	1lb								
		Sodium Chloride						S	1	1lb	1lb								
		Sodium Fluoride						S	1	1lb	1lb								
		Sodium Bromide						S	1	100g	100g								
		Sodium Bromide						S	1	1lb	1lb								
		Sodium Bromide						S	1	1lb	1lb								
		Sodium Bromide						S	1	1kg	1kg								
		Potassium Carbonate						S	1	5gal	5gal								
		Sodium-O-Benzoic Sulfimide						S	1	500g	500g								
		Sodium Salicylate						S	1	1lb	1lb								
		tetrasodium Ethylenediamine tetraacetate						S	1	1lb	1lb								
		Sodium Phosphate dibasic						S	2	3kg	6kg								
		Sodium potassium tartrate						S	7	500g	3.5kg								
		Sodium oleate						S	1	1lb	1lb								
		Sodium 1,3,6 Naphthalene trisulfonate						S	1	100g	100g								
		Corn starch						S	1	250	250								
		Corn starch						S	1	1lb	1lb								
		Sodium citrate						S	1	1kg	1kg								
		Sodium Cinchophen						S	1	100g	100g								
		Sodium 3 Bromine Sulfonate						S	1	3g	3g								
		Sodium Vanadate						S	1	30g	30g								

*(1) The following wastes are prohibited from alternative labpack treatment standard (INCIN): D009, F019, K003-6, K062, K071, K100, K100, P010-12, P076, P078, U134, U151. Fill out J2

M=Metal, GL=Glass, PL=Plastic, CB=Cardboard, CBT=CB tube, P=Paper

G=Gallon, qt=Quart, pt=Pint, L=Liter, ml=Milliliter, lb=Pound, oz=Ounce, g=Gram, mg=Milligram

PHILIP ENVIRONMENTAL ATTACHMENT TO HAZARDOUS WASTE MANIFEST# (52) **Page:** 2 **of** 2

LABPACK/COMMERCIAL PRODUCT PACK (Circle One) **Drum #** 820-660 **Project #:** _____ **Date:** _____

Generator: USEPA Region VII Chemico Removal **Drum Type/Size:** 17H 55g **Profile#:** _____ **Rec'v. Facility** _____

EPA ID#: KSD000000652 **Total Vol./Wt.** _____ **Transporter:** _____

DOT PSN: _____

Constituents: _____ (Circle RQ constituent, otherwise specify): _____

Haz Class Poison Solid 6.1 **DOT ID#:** _____ **PG:** _____ **RQ=** _____ lb. **Labels:** _____

EPA Codes: _____ **State Codes:** _____ **Approval:** _____

PEI use only Disposition	A Item #	B Description (Chemical & Physical)	C1 DOT ID#	C2 DOT Packing Group	D1 EPA Waste Code	D2 EPA Sub Cat	D3 WA DOE Waste Code	E Solid/Liquid	F # of Cont.	G Container Type/Size	H Waste Amount	I DOT RQ (lb)	J1 Land Disposal Restriction: All Trt INCIN *	J2 Specified Tech: 40 CFR 268.40	J2 Specified Tech: Tech Code	J3 Meets Stnd: No Trt Req'd	K State Waste Only	L DOT Reg Only	M Non reg Waste Only
		Sodium Bromide						S	1	1lb	1lb								
		Sodium Silicofluoride						S	1	1lb	1lb								
		Sodium Tartrate Dihydrate						S	1	1lb	½lb								
		~~Sulfur~~ Sodium Saccharin						S	1	1kg	1kg								
		Sodium Tartrate						S	1	5lb	5lb								
		Sodium Thiocyanate						S	1	1lb	½lb								
		Sodium Succinate						S	1	1lb	1lb								
		Sodium Thiosulfate						S	2	1lb	1lb								
		Sodium Tartrate						S	1	1lb	1lb								
		Sodium Tungstate						S	2	1lb	1lb								
		Picolinic Acid						S	1	½lb	½lb								
		2,4,6 Tribromoaniline						S	1	1g	1g								
		Toluene						S	1	20g	20g								
		1,1,1 Trichloro-2-methyl-2-propanol						S	3	100g	100g								
		1,1,2 Triphenylethanol						S	1	10g	10g								
		1,1,2 Triphenylethane						S	1	5g	5g								
		L-Tyrosine						S	1	1g	1g								
		L-Thyroxine						S	1	1g	1g								
*		L-Threonine						S	1	5g	5g								
		Tripelennamine						S	1	1g	1g								
		Tellurium Dioxide						S	1	100g	100g								
		Stearyl Alcohol						S	1	50g	50g								
		Sulfaguanidine						S	1	25g	25g								
		4,4' Tetramethyldiaminodiphenylmethane						S	1	25g	25g								
		Zinc Acetate						S	1	½lb	½lb								
		Xanthydrol						S	1	25g	25g								
		D(+) Xylose						S	1	25g	25g								

*J1 The following wastes are prohibited from alternative labpack treatment standard (INCIN): D009, F019, K003 6, K062, K071, K100, K106, P010 12, P076, P078, U134, U151. Fill out J2.

M-Metal, GL-Glass, PL-Plastic, CB-Cardboard, CBT=CB tube, P-Paper

G=Gallon, qt=Quart, pt=Pint, L=Liter, ml=Milliliter, lb=Pound, oz=Ounce, g=Gram, mg=Milligram

PHILIP ENVIRONMENTAL ATTACHMENT TO HAZARDOUS WASTE MANIFEST#

LABPACK/COMMERCIAL PRODUCT PACK (Circle One) Drum # 800-661 Project #: (5) Page: 1 of 23

Generator: USEPA Chemical Removal Date:

EPA ID#: KSD000006852 Drum Type/Size: 17H 55g Profile#: Rec'v. Facility

DOT PSN: Total Vol./Wt. Transporter:

Constituents: (Circle RQ constituent, otherwise specify):

Haz Class: Corrosive Acid Liquid (BAL) DOT ID#: PG: RQ= lb. Labels:

EPA Codes: State Codes: Approval:

PEI use only Page#	A Item#	B Description (Chemical & Physical)	C1 DOT ID#	C2 DOT Packing Group	D1 EPA Waste Code	D2 EPA Sub Cat	D3 WA DOE Waste Code	E Solid/ Liquid	F # of Cont	G Container Type/Size	H Waste Amount	I DOT RQ (lb)	J1 Land Disposal Restriction All Trt INCIN *	J2 Specified Tech 40 CFR 268.40	J2 Specified Tech Tech Code	J3 Meets Stnd No Trt Req'd	K State Waste Only	L DOT Reg Only	M Non-reg Waste Only
		Hydrofluoric Acid 48%						L	1	PL/1G	30%								
		Perchloric Acid 70-72%						L	2	GL/1G	100%								
		Valeric Acid						L	1	GL/1G	60%								
		Antimony Trichloride			D002			L	1	GL/5lb	40%								
		Iodobromide Test Solution						L	1	GL/1qt	30%								
		Zinc Chloride			D002			S/L	1	GL/1Kg	30%								
		Ferric Chloride						S/L	1	GL/1Kg	10%								
		N-Buryric Acid			D002			L	1	GL/1L	100%								
		Hydrochloric Acid Sol. N/10			D002			L	1	PL/1L	30%								
		Corrosive Acid Liquid Unknown			D002			L	1	PL/½G	5%								
		Gram's Iodine Stain						L	1	GL/1L	30%								
		Oxalic Acid			D002			L	4	GL/100ml	100%								
		Hydrochloric Acid			D002			L	1	GL/1L	50%								
		Benzoyl Chloride			D002			L	1	GL/1L	100%								
		sulfurous Acid 6%			D002			L	1	GL/1L	10%								
		sulfuric acid			D002			L	1	GL/1L	10%								
		sulfuric acid			D002			L	1	PL/1L	30%								
		phosphorous trichloride			D002			L	1	GL/1L	50%								
		hydrochloric acid			D002			L	1	GL/1pt	30%								
		benzoyl chloride			D002			L	1	GL/500g	50%								
		manganous nitrate			D002			L	1	GL/1pt	100%								
		ferric subsulfate solution			D002			L	1	GL/1pt	30%								
		hydrobromic acid			D002			L	3	GL/1L	30%								
		caustic-glo activator						L	2	PL/1L	50%								
		hydrofluoric acid.						L	1	PL/1pt	50%								
		corrosive liq nos (hycat)			D002			L	1	PL/1L	30%								
		corrosive liq nos (hycat)			D002			L	1	PL/1L	10%								

*J1 The following wastes are prohibited from alternative labpack treatment standard (INCIN): D009, F010, K003 6, F062, K071, K100, K106, P010 12, P076, P078, U134, U151. Fill out J2.

M: Metal, GL=Glass, PL=Plastic, CB=Cardboard, CBT=CB tube, P=Paper

G=Gallon, qt=Quart, pt=Pint, L=Liter, ml=Milliliter, lb=Pound, oz=Ounce, g=Gram, mg=Milligram

PHILIP ENVIRONMENTAL ATTACHMENT TO HAZARDOUS WASTE MANIFEST# _____ (5) Page: 2 of 3

LABPACK/COMMERCIAL PRODUCT PACK (Circle One) Drum # 800-661 Project #: _____ Date: _____

Generator: US. EPA Chemco Removal Drum Type/Size: 17H 55g Profile#: _____ Rec'v. Facility _____

EPA ID#: KSP0D000026S2 Total Vol./Wt. _____ Transporter: _____

DOT PSN: _____

Constituents: _____ (Circle RQ constituent, otherwise specify): _____

Haz Class: Corrosive Liq. Acid (gAL) DOT ID#: _____ PG: _____ RQ= _____ lb. Labels: _____

EPA Codes: _____ State Codes: _____ Approval: _____

FFI use only (Origin addon)	A Item #	B Description (Chemical & Physical)	C1 DOT ID#	C2 DOT Packing Group	D1 EPA Waste Code	D2 EPA Sub Cat	D3 WA DOE Waste Code	E Solid/Liquid	F # of Cont	G Container Type/Size	H Waste Amount	I DOT RQ (lb)	J1 Land Disposal Restriction: Alt Trt IN/CIN *	J2 Specified Tech: 40 CFR 268.40	J2 Specified Tech: Tech Code	J3 Meets Stnd: No Trt Req'd	K State Waste Only	L DOT Reg Only	M Non reg Waste Only
		corrosive liq. NOS (Hydrochl.)			D002			L	5	GL/1Pt	50%								
		phenolphosphonic dichloride						L	1	GL/1L	50%								
		Valeric acid			D001			L	1	GL/250ml	100%								
		Stannic chloride			D002			L	1	GL/1lb	50%								
		Butyric Acid			D001			L	1	GL/Yoz	100%								
		sulfuric acid			D002			L	1	GL/250ml	50%								
		hexanoic acid			D001			L	1	GL/100gm	50%								
		monochloroacetic acid						L	1	gl/1lb	100%								
		antimony trichloride			D002			L	1	gl/1lb	100%								
		propionic acid			D001			L	1	gl/1lb	100%								
		Stannic chloride			D002			L	1	gl/100gm	100%								
		3,4-Dichloro-1-butene			D001			L	1	gl/100g	100%								
		antimony trichloride			D002			L	1	gl/100g	50%								
		Mercaptoacetic acid 80% + water			D001			L	1	gl/1pt	50%								
		antimony trichloride			D002			L	2	gl/1pt	50%								
		Stannic chloride			D002			L	1	gl/1pt	100%								
		3,5-dimethylbenzoyl chloride						L	1	gl/10g	100%								
		propionic acid			D002			L	3	gl/Yoz	100%								
		sulfuric acid			D002			L	1	gl/Yoz	100%								
		propionic acid			D002			L	1	gl/Yoz	100%								
		stannic chloride			D002			L	1	gl/Yoz	100%								
		a-methyl butyric acid			D002			L	1	gl/Yoz	100%								
		a-ethylcaproic acid			D001			L	1	gl/8oz	100%								
		bismuth trichloride			D001			L	1	gl/100ml	100%								
		antimony trichloride			D001			L	1	gl/8oz	100%								
		tetra-n-butyltin						L	1	gl/Yoz	100%								
		~~hydrochloric acid~~ HCl, NOS			D002			L	2	gl/1gal	100%								

*11 The following wastes are prohibited from alternative labpack treatment standard (IN/CIN): D009, F019, K003-6, K062, K071, K100, K106, P010-12, P076, P078, U134, U151. Fill out J2

** Metal, GL=Glass, PL=Plastic, CB=Cardboard, CBT=CB tube, P=Paper

G=Gallon, qt=Quart, pt=Pint, L=Liter, ml=Milliliter, lb=Pound, oz=Ounce, g=Gram, mg=Milligram

(541)

PHILIP ENVIRONMENTAL ATTACHMENT TO HAZARDOUS WASTE MANIFEST#

LABPACK/COMMERCIAL PRODUCT PACK

(Circle One) Drum # 800-661 Project #: Date:

Generator: US EPA Chemco Removal Drum Type/Size: 17H 55 gallon Profile#: Rec'v. Facility

EPA ID#: KSF 000 000 652 Total Vol./Wt. Transporter:

DOT PSN:

Constituents: (Circle RQ constituent, otherwise specify):

Haz Class: Corrosive Acid Liquid (8 AL) DOT ID#: PG: RQ= lb. Labels:

EPA Codes: State Codes: Approval:

PEI use only	A	B	C1	C2	D1	D2	D3	E	F	G	H	I	J1.	J2		J3.	K.	L.	M.
			DOT		EPA		WA DOE					DOT	Land Disposal Restriction						
Disposition	Items	Description (Chemical & Physical)	ID#	Packing Group	Waste Code	Sub Cat	Waste Code	Solid/ Liquid	# of Cont	Container Type/Size	Waste Amount	RQ (lb)	AR Trt INCIN *	Specified Tech. 40 CFR 268.40	Tech Code	Meets Stnd. No Trt Req'd	State Waste Only	DOT Reg Only	Non reg Waste Only
		Acetic Acid 15% Sol.			D002			L	1	6L/1L	70%								
		2-Ethyl Hexanoic Acid						L	1	6L/2Q	40%								

* J1 The following wastes are prohibited from alternative labpack treatment standard (INCIN): D009, F019, K003,6, K062, K071, K100, K106, P010,12, P076, P078, U134, U151. Fill out J2

M=Metal, GL=Glass, PL=Plastic, CB=Cardboard, CBT=CB tube, P=Paper

G=Gallon, qt=Quart, pt=Pint, L=Liter, mL=Milliliter, lb=Pound, oz=Ounce, g=Gram, mg=Milligram

PHILIP ENVIRONMENTAL ATTACHMENT TO HAZARDOUS WASTE MANIFEST#
LABPACK/COMMERCIAL PRODUCT PACK (Circle One)

(5)

Generator: USEPA Chemco Site Removal
EPA ID#: KS0000000652
DOT PSN:
Constituents:
Haz Class:
EPA Codes: Poisonous Solids 6.1

Drum # 800-662
Drum Type/Size: 17H 55g
Total Vol./Wt.:
DOT ID#:
PG:
RQ=
lb.
State Codes:

Project #:
Profile#:
Date:
Rec'v. Facility
Transporter:
(Circle RQ constituent, otherwise specify):
Labels:
Approval:

PEI use only Disposition	A Item#	B Description (Chemical & Physical)	C1 DOT ID#	C2 DOT Packing Group	D1 EPA Waste Code	D2 EPA Sub Cat	D3 WA DOE Waste Code	E Solid/Liquid	F # of Cont	G Container Type/Size	H Waste Amount	I DOT RQ (lb)	J1 Alt Trt INCIN *	J2 Specified Tech 40 CFR 268.40	J2 Tech Code	J3 Meets Stnd No Trt Req'd	K State Waste Only	L DOT Reg Only	M Non reg Waste Only
		Potassium Iodate						S	1	PL 1LB	100%								
		Poison Solid Unknown, Haz Cat # 146						S	1	GL 1LB	60%								
		Potassium Iodate (Chemco)						S	1	GL 1#	70%								
		Potassium Biniodate						S	1	GL 4oz	70%								
		Potassium Iodate						S	1	GL 1/4#	100%								
		Potassium Bromate						S	1	GL 5#	80%								
		Poison Solid Unknown, Haz Cat # 125						S	1	PL 1gal	40%								
		Potassium Phthalate monobasic (Chem)						S	1	PL 3Kg	70%								
		Ferric (III) Oxide Powder						S	1	PL 2.5g	60%								
		Sodium Iodate						S	1	GL 100mL	70%								
		Potassium Biniodate						S	1	GL 100g	50%								
		Poison Solid Unknown, Haz Cat # 123						S	1	PL 1gal	90%								
		Thaw Ice Melter						S	1	PL 2gal	100%								
		Ascorbic Acid Fine Powder						S	1	GL 1kg	30%								
		Poison Solid Unknown, Haz Cat # 114						S	1	GL 2oz	70%								
		Poison Solid Unknown, Haz Cat # 139						S	1	GL 8oz	100%								
		Poison Solid Unknown, Haz Cat # 129						S	1	GL 8oz	60%								
		Poison Solid Unknown, Haz Cat # 137						S	1	GL 1oz	10%								
		Poison Solid Unknown, Haz Cat # 148						S	1	GL 1QT	30%								
		Potassium Bromate						S	1	PL 8oz	100%								
		Poison Solid Unknown, Haz Cat # 25						S	1	GL 500g	70%								
		Poison Solid Unknown, Haz Cat # 135						S	1	PL 8oz	30%								
		Arsenic Sulfide			D004			S	1	GL 8oz	30%								
		Poison Solid Unknown, Haz Cat # 140						S	1	GL 500g	50%								
		M-Toluoyl Chloride						S	1	GL 100mL	80%								
		Poison Solid Unknown, Haz Cat # 141						S	1	GL 100g	100%								
		Epsom Salt Magnesium Sulfate Heptahydrate						S	1	Cardboard 1#	100%								

*(1) The following wastes are prohibited from alternative labpack treatment standard (INCIN): D009, F019, K003-6, K062, K071, K100, K106, P010-12, P076, P078, U134, U151. Fill out J2

M=Metal, GL=Glass, PL=Plastic, CB=Cardboard, CBT=CB tube, P=Paper

G=Gallon, qt=Quart, pt=Pint, L=Liter, mL=Milliliter, lb=Pound, oz=Ounce, g=Gram, mg=Milligram

PHILIP ENVIRONMENTAL ATTACHMENT TO HAZARDOUS WASTE MANIFEST# _____ (56) Page: 2 of 3

LABPACK/COMMERCIAL PRODUCT PACK (Circle One) Drum # 800-662 Project #: _____ Date: _____

Generator: USEPA Cleanup Site Removal Drum Type/Size: 17H 55g Profile#: _____ Rec'v. Facility _____

EPA ID# IKSP000000652 Total Vol./Wt. _____ Transporter: _____

DOT PSN: _____

Constituents: _____ (Circle RQ constituent, otherwise specify): _____

Haz Class: Poison Solid, n.o.s. DOT ID#: _____ PG: _____ RQ= _____ lb. Labels: _____

EPA Codes: _____ State Codes: _____ Approval: _____

FEI use only Disposition	A Item#	B Description (Chemical & Physical)	C1 DOT ID#	C2 DOT Packing Group	D1 EPA Waste Code	D2 EPA Sub Cat	D3 WA DOE Waste Code	E Solid/Liquid	F # of Cont	G Container Type/Size	H Waste Amount	I DOT RQ (lb)	J1 Land Disposal Restriction: J1 Aff. Trt INCIN *	J2 Specified Tech 40 CFR 268.40	J2 Tech Code	J3 Meets Stnd No Trt Req'd	K State Waste Only	L DOT Reg Only	M Non reg Waste Only
		Poison Solid Unknown, Haz Cat # 31						S	1	500g GL	30%								
		Poison Solid UK, Haz Cat # 131						S	1	PL Cup	30%								
		Poison Solid UK, Haz Cat # 128						S	1	GL 500g	60%								
		Silver Nitrate (Goldsmith)						S	1	GL 500g	<5%								
		Poison Solid UK, Haz Cat # 133						S	1	GL 100g	100%								
		Poison Solid UK, Haz Cat # 130						S	1	PL 250g	50%								
		Poison Solid UK, Haz Cat # 120						S	1	PL 250g	5%								
		Poison Solid UK, Haz Cat # 132						S	1	PL Bag	20%								
		Dicyclohexylcarbodiimide						S	1	PL Bag	<5%								
		Protease						S	1	Cardboard	70%								
		Amylase						S	1	Cardboard	60%								
		Poison Solid UK, Haz Cat # 118						S	1	GL 8oz	40%								
		Poison Solid UK, Haz Cat # 1134						S	1	GL 500g	50%								
		Potassium Bromide						S	1	GL 500g	70%								
		2-Nitrophenol			U170			S	1	GL 1L	80%								
		p-Phenylphenol						S	1	GL 500g	80%								
		Pyrene						S	1	GL 250g	100%								
		Phthalic Anhydride Plates						S	1	GL 2 Lb	100%								
		Pyrogallol						S	1	GL 500g	80%								
		Barium Hydroxide			D005			S	1	PL 1Kg	<10%								
		1,6-Hexanediamine						S	1	GL 100g	80%								
		Barium Oxide Mono			D005			S	1	PL 500g	20%								
		2-Amino-4-chlorobenzoic Acid						S	1	GL 25g	20%								
		4,4'Biphenyldisulfonic Acid						S	1	GL 100g	80%								
		Barium Chloride			D005			S	1	GL 1LB	20%								
		Barium Hydroxide Powder			D005			S	1	PL 250g	30%								
		Diphenylacetic Acid						S	1	GL 250g	90%								

*J1 The following wastes are prohibited from alternative labpack treatment standard (INCIN): D009, F019, K003-6, K062, K071, K100, K106, P010-12, P076, P078, U134, U151. Fill out J2.

M=Metal, GL=Glass, PL=Plastic, CB=Cardboard, CBT=CB tube, P=Paper

G=Gallon, qt=Quart, pt=Pint, L=Liter, ml=Milliliter, lb=Pound, oz=Ounce, g=Gram, mg=Milligram

PHILIP ENVIRONMENTAL ATTACHMENT TO HAZARDOUS WASTE MANIFEST#
LABPACK/COMMERCIAL PRODUCT PACK

(Circle One)

Generator: US EPA Chemical Removal
EPA ID#: KSP000000652
DOT PSN:
Drum # 800-662
Drum Type/Size: 17H 55g
Total Vol./Wt.
Project #:
Profile#:
Date:
Rec'v. Facility
Transporter:
Constituents:
(Circle RQ constituent, otherwise specify):
Haz Class: Poison Solids 6.1
DOT ID#:
PG:
RQ= lb.
Labels:
EPA Codes:
State Codes:
Approval:

FEI use only Disposition	A Item #	B Description (Chemical & Physical)	C1 DOT ID#	C2 DOT Packing Group	D1 EPA Waste Code	D2 EPA Sub Cat	D3 WA DOE Waste Code	E Solid/Liquid	F # of Cont	G Container Type/Size	H Waste Amount	I DOT RQ (lb)	J1 Land Disposal Restriction Alt. Trt INCIN *	J2 Specified Tech 40 CFR 268.40	J2 Tech Code	J3 Meets Stnd No Trt Req'd	K State Waste Only	L DOT Reg Only	M Non reg Waste Only
		Barium Hydroxide			D005			S	1	GL 1LB	50%								
		Barium Sulfide			D005			S	1	GL 1LB	80%								
		1-Chloro-4-Nitrobenzene						S	1	GL 500g	90%								
		Phenothiazine						S	1	GL 1Kg	90%								
		8-Quinolinol						S	1	GL 100g	40%								
		2-5-Di-(Chloromethyl)-p-xylene						S	1	GL 250g	80%								
		1-Phenyl-2-Thiourea						S	1	GL 200g	70%								
		1,3-Dichloro-2-propanone						S	1	GL 100g	40%								
		Purpurogallin, Tech						S	1	GL 25g	10%								
		Barium Hydroxide			D005			S	1	GL 1/4#	50%								
		Barium Hydroxide			D005			S	1	GL 1/4#	100%								
		Barium Hydroxide			D005			S	1	GL 1/4#	20%								
		O-Tolidene						S	1	GL 250g	50%								
		Choline Assay Medium						S	1	GL 100g	100%								
		Phenanthrene						S	1	GL 100g	100%								
		Dithiooxamide						S	1	GL 100g	30%								

[signature] 7/4/96 0848

* J1 The following wastes are prohibited from alternative labpack treatment standard (INCIN): D009, F019, F003-6, K002, K071, K100, K106, P010-12, P076, P078, U134, U151. Fill out J2

M=Metal, GL=Glass, PL=Plastic, CB=Cardboard, CBT=CB tube, P=Paper

G=Gallon, qt=Quart, pt=Pint, L=Liter, mL=Milliliter, lb=Pound, oz=Ounce, g=Gram, mg=Milligram

PHILIP ENVIRONMENTAL ATTACHMENT TO HAZARDOUS WASTE MANIFEST#
LABPACK/COMMERCIAL PRODUCT PACK (Circle One)

Drum # 800-663
Project #:
Date:
Generator: USEPA Region VII Chemco Removal
Drum Type/Size: 17H 55g
Profile#:
Rec'v. Facility
EPA ID#: KSP 000000652
Total Vol./Wt.
Transporter:
DOT PSN:
Constituents
(Circle RQ constituent, otherwise specify):
Haz. Class: Poison Solid 6.1
DOT ID#:
PG:
RQ= lb.
Labels:
EPA Codes:
State Codes:
Approval:

FEI use only Disposition	A Item#	B Description (Chemical & Physical)	C1 DOT ID#	C2 DOT Packing Group	D1 EPA Waste Code	D2 EPA Sub Cat	D3 WA DOE Waste Code	E Solid/Liquid	F # of Cont	G Container Type/Size	H Waste Amount	I DOT RQ (lb)	J1 Land Disposal Restriction Alt. Trt INCIN *	J2 Specified Tech 40 CFR 268.40	J2 Specified Tech Tech Code	J3 Meets Std No Trt Req'd	K State Waste Only	L DOT Reg Only	M Non reg Waste Only
		Aluminum Ammonium Sulfate						S	1	5 gal	5 gal								
		Potassium Bromide						S	1	3 kg	3 kg								
		Thiourea						S	1	1 lb	1 lb								
		p-toluidine			U353			S	1	25 g	25 g								
		Titanium dioxide						S	1	1 lb	1 lb								
		[illegible]						S	1	1 lb	100 g								
		2-thiazolidenethione						S	1	500 g	500 g								
		Phenyl salicylate						S	1	4 lb	4 lb								
		succinic acid						S	1	500 g	500 g								
		sucrose						S	1	1 lb	1 lb								
		phosphotungstic acid						S	1	1 lb	1 lb								
		Bio Cert. Fluid thioglycollate						S	1	1 lb	1 lb								
		2-thenoyl trifluoroacetone						S	1	100 g	100 g								
		triphenyl phosphine						S	1	100 g	100 g								
		4,4,4-trifluoro-1-(2-methyl)-1-3-butanedione						S	1	25 g	25 g								
		Zinc [redacted] oxide						S	3	4 lb	4 lb								
		Bacto Yeast extract						S	1	1 lb	1 lb								
		Zinc carbonate						S	1	1 lb	1 lb								
		Zinc orthophosphate						S	1	1 lb	1 lb								
		Zinc sulfate						S	1	1 lb	1 lb								
		Urea						S	1	1 lb	1 lb								
		zinc stearate						S	2	1 lb	2 lb								
		Tragacanth gum						S	1	4 lb	4 lb								
		zinc oxide						S	1	500 g	500 g								
		zinc sulphate crystals						S	1	233 g	233 g								
		Benzyl thiocyanate						S	1	1 lb	1 lb								
		3,5 Dimethyl phenol						S	1	1 lb	1 lb								

* J1 The following wastes are prohibited from alternative labpack treatment standard (INCIN): D009, F019, K003-6, K062, K071, K100, K106, P010-12, P076, P078, U134, U151. Fill out J2

M=Metal, GL=Glass, PL=Plastic, CB=Cardboard, CBT=CB tube, P=Paper

G=Gallon, qt=Quart, pt=Pint, L=Liter, ml=Milliliter, lb=Pound, oz=Ounce, g=Gram, mg=Milligram

PHILIP ENVIRONMENTAL ATTACHMENT TO HAZARDOUS WASTE MANIFEST# [redacted]

(5) Page: 2 of 3

LABPACK/COMMERCIAL PRODUCT PACK (Circle One)

Drum # 800-663 Project #: Date:

Generator: USEPA Region VII Glenco Removal Drum Type/Size: 17H 55g Profile#: Rec'v. Facility

EPA ID#: KSD000000652 Total Vol./Wt. Transporter:

DOT PSN:

Constituents: (Circle RQ constituent, otherwise specify):

Haz. Class Poison Solid 6.1 DOT ID#: PG: RQ= lb. Labels:

EPA Codes: State Codes: Approval: [redacted]

FEI use only	A.	B.	C1	C2	D1	D2	D3	E.	F.	G.	H.	I.	J1.	J2.		J3.	K.	L.	M.
			DOT		EPA		WA DOE					DOT	Land Disposal Restriction						
													Alt Trt	Specified Tech		Meets Stnd			
Disposition	Item#	Description (Chemical & Physical)	ID#	Packing Group	Waste Code	Sub Cat	Waste Code	Solid/Liquid	# of Cont	Container Type/Size	Waste Amount	RQ (lb)	INCIN *	40 CFR 268.40	Tech Code	No Trt Req'd	State Waste Only	DOT Reg Only	Non-reg Waste Only
		Diphenylcarbamyl Chloride						S	2	500g	500g								
		4-Chlorophenol						S	1	2kg	2kg								
		[illegible]						S	2	500g	1kg								
		p-Phenylphenol						S	1	1kg	1kg								
		2,2 (Ethylenedioxy) Diethanol						S	1	3kg	3kg								
		1 Naphthol						S	1	1kg	1kg								
		phthalonitrile						S	1	500g	500g								
		phenylenediamine						S	1	1lb	1lb								
		4-Nitrophthalimide						S	1	500g	500g								
		p nitrobenzoic Acid						S	1	100g	100g								
		1 naphthol						S	1	100g	100g								
		Napthol al Pha						S	1	4oz	4oz								
		p-phenylenediamine						S	1	100g	100g								
		pyrene						S	1	33g	33g								
		2-pyridinecarboxylic acid						S	1	25g	25g								
		N phenyl-p-phenylenediamine						S	1	1/4lb	1/4lb								
		phenanthrene						S	1	100g	100g								
		piperonylic acid						S	1	100g	100g								
		phloroglucinol						S	1	100g	100g								
		5-nitro-salicylaldehyde acid						S	1	100g	100g								
		1-nitroso-2-naphthol						S	1	100g	100g								
		potassium thiocyanate						S	1	1/4lb	1/4lb								
		phloroglucinol						S	2	5g	5g								
		phenyl urethane						S	1	25g	10g								
		orcinol						S	1	25g	25g								
		4-(p-phenyl propyl) semicarbazide						S	1	10g	10g								
		o-nitrophenyl Acetic Acid						S	1	100g	100g								

(1) The following wastes are prohibited from alternative labpack treatment standard (INCIN): D009, F019, K003-6, K062, K071, K100, K106, P010-12, P076, P078, U134, U151. Fill out J2

M=Metal, GL=Glass, PL=Plastic, CB=Cardboard, CBT=CB tube, P=Paper

G=Gallon, qt=Quart, pt=Pint, L=Liter, mL=Milliliter, lb=Pound, oz=Ounce, g=Gram, mg=Milligram

PHILIP ENVIRONMENTAL ATTACHMENT TO HAZARDOUS WASTE MANIFEST# _____ (60) Page: 3 of 3

LABPACK/COMMERCIAL PRODUCT PACK (Circle One) Drum # 800-663 Project #: _____ Date: _____

Generator: USEPA Region VII Chemico Removal Drum Type/Size: 17H 55g Profile#: _____ Rec'v. Facility _____

EPA ID#: KSD000006522 Total Vol /Wt. _____ Transporter: _____

DOT PSN: _____

Constituents _____ (Circle RQ constituent, otherwise specify): _____

Haz Class Poison Solid, n.o.s. DOT ID#: _____ PG: _____ RQ= _____ lb. Labels: _____

EPA Codes: _____ State Codes: _____ Approval: _____

EEI use only	A	B	C1	C2	D1	D2	D3	E	F	G	H	I	J1.	J2.		J3.	K.	L.	M.
			DOT		EPA		WA DOE					DOT	Land Disposal Restriction						
Disposition	Item#	Description (Chemical & Physical)	ID#	Packing Group	Waste Code	Sub Cat	Waste Code	Solid/ Liquid	# of Cont	Container Type/Size	Waste Amount	RQ (lb)	Alt Trt (IN/CIN) *	Specified Tech 40 CFR 268.40	Tech Code	Meets Stnd No Trt Req'd	State Waste Only	DOT Reg Only	Non-reg Waste Only
		Ninhydrin						S	1	5g	5g								
		Ninhydrin						S	1	100g	100g								
		2-Nitro-1H-Phenylenediamine						S	1	200g	200g								
*		4-Nitro-1,2-phenylenediamine						S	1	100g	100g								
		m-Nitroaniline						S	1	100g	100g								
		Nitrobenzene						S	1	4oz	4oz								
		N,N-Dimethylenedianiline Dihydrochloride						S	1	25g	25g								
		1,2-Naphthoquinone sulfonic acid sodium salt						S	2	25g	50g								
		N,N-Dimethyl-p-Phenylenediamine						S	1	40g	40g								
		Phenylenediamine Dihydrochloride						S	1	20g	20g								
		Ninhydrin						S	1	5g	5g								
		2-Naphthoxyacetic acid						S	1	5g	5g								
		Potassium Thiocyanate						S	1	500g	500g								
		Potassium Thiocyanate						S	2	1kg	1kg								
		Quinine Sulfate						S	1	1oz	1oz								
		Potassium oxalate						S	2	500g	1kg								
		Potassium Cyanide						S	5	1kg	1kg								
		Potassium Permanganate						S	2	500g	1kg								
		Sodium azide						S	1	25g	25g								
		Quinine hydrochloride						S	1	1kg	1kg								
		Zinc acetate						S	3	1kg	3kg								
		Sodium phosphate monobasic						S	3	1kg	3kg								
		Sodium fluoride						S	2	1kg	2kg								
		Cadmium chloride			D006			S	1	1kg	1kg								
		Cadmium sulfate			D006			S	1	1kg	1kg								
		Arsenic Trioxide			P012, D004			S	2	1kg	2kg								
		Mercuric Hydrochloride						S	1	1oz	1oz								

* J1 The following wastes are prohibited from alternative labpack treatment standard (IN/CIN): D009, F019, K003-6, K062, K071, K100, K106, P010-12, P076, P078, U134, U151. Fill out J2.

M=Metal, GL=Glass, PL=Plastic, CB=Cardboard, CBT=CB tube, P=Paper

G=Gallon, qt=Quart, pt=Pint, L=Liter, ml=Milliliter, lb=Pound, oz=Ounce, g=Gram, mg=Milligram

PHILIP ENVIRONMENTAL ATTACHMENT TO HAZARDOUS WASTE MANIFEST# (6) Page: 1 of 1

LABPACK/COMMERCIAL PRODUCT PACK (Circle One) Drum # 800-664 Project #: Date:

Generator: USEPA Chemco Removal — Drum Type/Size: 17H 55g — Profile#: — Rec'v. Facility:

EPA ID#: KSP000000652 — Total Vol./Wt.: — Transporter:

DOT PSN:

Constituents: (Circle RQ constituent, otherwise specify):

Haz Class: Oxidizer 5.1 — DOT ID#: — PG: — RQ= lb. — Labels:

EPA Codes: — State Codes: — Approval:

PEI use only Disposition	A Item#	B Description (Chemical & Physical)	C1 DOT ID#	C2 DOT Packing Group	D1 EPA Waste Code	D2 EPA Sub Cat	D3 WA DOE Waste Code	E Solid/Liquid	F # of Cont	G Container Type/Size	H Waste Amount	I DOT RQ (lb)	J1 Land Disposal Restriction Alt Trt INCIN *	J2 Specified Tech 40 CFR 268.40	J2 Specified Tech Tech Code	J3 Meets Stnd No Trt Req'd	K State Waste Only	L DOT Reg Only	M Non-reg Waste Only
		potassium chromate			D001, D007			S	19	GL/1g	100%								
		potassium chromate			D001, D007			S	3	GL/1g	100%								
		sodium pertomate			D001			S	1	GL/1g	10%								
		chromium trioxide			D001, D003	D001		S	1	GL/1g	100%								
		sodium nitrite			D001			S	1	GL/1g	50%								
		sodium chromate			D001, D007			S	1	gl/1g	100%								
		sodium nitrite			D001			S	1	gl/1qt	100%								
		oxidizer solid nos (hozcat)			D001			S	1	pl/1pt	50%								
		cobalt nitrate						S	1	gl/1lb	100%								
		sodium hypochlorite			D001			L	1	gl/1qt	100%								
		potassium chromate			D001, D007			L	1	gl/1qt	100%								
		sodium nitrite			D001			S	1	pl/10lb	75%								

(1) The following wastes are prohibited from alternative labpack treatment standard (INCIN): D009, F019, K003-6, K062, K071, K100, K106, P010-12, P076, P078, U134, U151. Fill out J2

M=Metal, GL=Glass, PL=Plastic, CB=Cardboard, CBT=CB tube, P=Paper

G=Gallon, qt=Quart, pt=Pint, L=Liter, ml=Milliliter, lb=Pound, oz=Ounce, g=Gram, mg=Milligram

PHILIP ENVIRONMENTAL ATTACHMENT TO HAZARDOUS WASTE MANIFEST#

LABPACK/COMMERCIAL PRODUCT PACK (Circle One) Drum # 800-665 Project #: (62) Page: 1 of

Generator: USEPA Chemical Repository Date:

EPA ID#: KSD000000652 Drum Type/Size: 17H 55g Profile#: Rec'v. Facility

DOT PSN: Total Vol /Wt. Transporter:

Constituents: (Circle RQ constituent, otherwise specify):

Haz Class: OXIDIZER 5.1 DOT ID#: PG: RQ= lb. Labels:

EPA Codes: State Codes: Approval:

PEI use only Disposition	A Item #	B Description (Chemical & Physical)	C1 DOT ID#	C2 DOT Packing Group	D1 EPA Waste Code	D2 EPA Sub Cat	D3 WA DOE Waste Code	E Solid/Liquid	F # of Cont	G Container Type/Size	H Waste Amount	I DOT RQ (lb)	J1 Land Disposal Restriction: Alt Trt INCIN *	J2 Land Disposal Restriction: Specified Tech 40 CFR 268.40	J2 Land Disposal Restriction: Specified Tech Tech Code	J3 Land Disposal Restriction: Meets Stnd No Trt Req'd	K State Waste Only	L DOT Reg Only
		potassium permanganate			D001			S	1	GL/1qt	100%							
		sodium nitrate			D001			S	1	pl/1qt	100%							
		potassium permanganate			D001			S	1	gl/1qt	100%							
		lead tetraoxide			D001, D008			S	1	gl/1qt	100%							
		sodium perborate			D001			S	1	p/1qt	100%							
		sodium perborate			D001			S	2	g/1lb	100%							
		magnesium nitrate			D001			S	1	gl/5lb	100%							
		Magnesium Nitrate			D001			S	1	GL/1 lb	60%							
		Sodium Nitrate			D001			S	1	GL/4oz	90%							
		manganese monoxide			D001			S	1	gl/4oz	100%							
		manganese dioxide			D001			S	1	gl/3Kg	100%							
		manganese dioxide powder			D001			S	1	gl/1lb	100%							
		potassium hydroxide			D002			S	1	pl/250ml	50%							
		potassium chromate			D001, D007			S	1	pl/1qt	100%							
		Sodium chromate			D001			S	1	gl/4oz	100%							
		potassium permanganate			D001			S	1	gl/100ml	100%							
		Lithium nitrate			D001			S	1	gl/4oz	100%							
		Lead Tetraoxide			D001, D008			S	1	M/1lb	100%							
		~~dna~~ Lead dioxide			D001, D008			S	1	gl/1lb	100%							
		sodium cobaltnitrite			D001			S	1	gl/4oz	100%							
		Oxidizer Solid n.o.s. (hazard)			D001			S	1	gl/1pt	100%							
		oxidizer solid nos. (hazard)			D001			S	1	gl/4oz	52%							
		potassium chromate			D001, D007			S	1	gl/250ml	100%							
		oxidizer solid, nos. (hazard)			D001			S	1	gl/1pt	100%							
		oxidizer solid, nos. (hazard)			D001			L	1	pl/1pt	10%							
		oxidizer solid, nos (hazard)			D001			L	5	gl/1pt	100%							
		chromium nitrate			D007, D001			S	1	gl/16oz	100%							

*J1 The following wastes are prohibited from alternative labpack treatment standard (INCIN): D009, F019, K003-6, K062, K071, K100, K106, P010-12, P076, P078, U134, U151. Fill out J2

M=Metal, GL=Glass, PL=Plastic, CB=Cardboard, CBT=CB tube, P=Paper

G=Gallon, qt=Quart, pt=Pint, L=Liter, ml=Milliliter, lb=Pound, oz=Ounce, g=Gram, mg=Milligram

PHILIP ENVIRONMENTAL ATTACHMENT TO HAZARDOUS WASTE MANIFEST# _____ (63) Page: 2 of 2

LABPACK/COMMERCIAL PRODUCT PACK (Circle One) Drum # 800-665 Project #: _____ Date: _____

Generator: USEPA Chemco Removal Drum Type/Size: 17H 55g Profile#: _____ Rec'v. Facility _____

EPA ID#: IL5P 000000652 Total Vol./Wt. _____ Transporter: _____

DOT PSN: _____

Constituents: _____ (Circle RQ constituent, otherwise specify): _____

Haz Class OXIDIZER 5.1 DOT ID#: _____ PG: _____ RQ= _____ lb. Labels: _____

EPA Codes: _____ State Codes: _____ Approval: _____

PEI use only Disposition	A Item #	B Description (Chemical & Physical)	C1 DOT ID#	C2 DOT Packing Group	D1 EPA Waste Code	D2 EPA Sub Cat	D3 WA DOE Waste Code	E Solid/Liquid	F # of Cont	G Container Type/Size	H Waste Amount	I DOT RQ (lb)	J1 Land Disposal Restriction: Alt Trt INCIN *	J2 Specified Tech: 40 CFR 268.40	J2 Specified Tech: Tech Code	J3 Meets Stnd: No Trt Req'd	K State Waste Only	L DOT Reg Only	M Non reg Waste Only
		sodium chromate			D001, D002			L	1	pl/250ml	100%								
		oxidizer reagent solution			D001			L	1	pl/1pt	100%								
		potassium chromate			D001, D002			L	1	gl/4oz	100%								
		manganese nitrate crystals			D001			S	1	pl/250ml	25%								
		manganese dioxide powder			D001			S	1	gl/3lb	100%								

*11 The following wastes are prohibited from alternative labpack treatment standard (INCIN): D009, F019, K003-5, K062, K071, K100, K106, P010-12, P076, P078, U134, U151. Fill out J2

M=Metal, GL=Glass, PL=Plastic, CB=Cardboard, CBT=CB tube, P=Paper

G=Gallon, qt=Quart, pt=Pint, L=Liter, ml=Milliliter, lb=Pound, oz=Ounce, g=Gram, mg=Milligram

PHILIP ENVIRONMENTAL ATTACHMENT TO HAZARDOUS WASTE MANIFEST#

LABPACK/COMMERCIAL PRODUCT PACK (Circle One)

Generator: US EPA Chemico Site

EPA ID#: KSD000000652

DOT PSN:

Constituents:

Haz Class: Poison Solids 6.1

EPA Codes:

Drum #: 800-666

Drum Type/Size: 17H 55g

Total Vol./Wt.:

DOT ID#: PG: RQ= lb.

State Codes:

Project #:

Profile#:

Date: 7/4/96

Rec'v. Facility:

Transporter:

(Circle RQ constituent, otherwise specify):

Labels:

Approval:

FFI use only Disposition	A Item#	B Description (Chemical & Physical)	C1 DOT ID#	C2 DOT Packing Group	D1 EPA Waste Code	D2 EPA Sub Cat	D3 WA DOE Waste Code	E Solid/Liquid	F # of Cont	G Container Type/Size	H Waste Amount	I DOT RQ (lb)	J1 Alt Trt INCIN *	J2 Specified Tech 40 CFR 268.40	J2 Specified Tech Tech Code	J3 Meets Stnd No Trt Req'd	K State Waste Only	L DOT Reg Only	M Non reg Waste Only
		Potassium Fluoride						S	1	PL 10LB	90%								
		Tartaric Acid Granular						S	1	PL 5LB	40%								
		Dithiooxamide						S	1	GL 100g	20.%								
		8-Hydroxyquinoline-5-Sulfonic Acid						S	1	GL 100g	60%								
		Potassium Fluoride						S	1	PL 10LB	60%								
		Calcium Carbonate						S	1	PL 4Kg	10%								
		Ferrous Sulphate						S	1	GL 2Kg	70%								
		Paraformaldehyde						S	2	PL 4#	100%								
		Cycloloc Forest Green						S	1	PL 1#	20%								
		Malonyl Dichloride						S	1	GL 3g	100%								
		Barium Hydroxide Anhydrous			D005			S	1	GL 2oz	50%								
		Aminoacetic Acid						S	1	GL 2oz	10%								
		1-Napthol Chloride						S	2	GL 15g	60%								
		Dimethyl Oxalate						S	1	GL 10g	60%								
		Diphenyltindichloride						S	1	GL 200g	100%								
		Isophthaloyl Chloride						S	1	GL 100g	100%								
		N-1-Napthylethylene Diamine Dihydrochloride						S	1	GL 100g	80%								
		Litmus Crystals						S	1	PL 100g	50%								
		Quinine Sulfate						S	2	GL 100g	25%								
		Hydroxydimethylarsine Oxide						S	1	GL 100g	100%								
		3-Hydroxy-2-Napthoic Acid						S	1	GL 100g	10%								
		Sodium Azide			P105			S	1	GL 100g	100%								
		Rhodanine						S	1	GL 100g	100%								
		Lithium Acetalyde						S	1	GL 100g	100%								
		Mercuric Oxide			D009			S	1	GL 1#	100%								
		Mercuric Sulfate			D009			S	1	PL 227g	100%								

* The following wastes are prohibited from alternative labpack treatment standard (INCIN): D009, F019, K003-6, K062, K071, K100, K106, P010-12, P076, P078, U134, U151. Fill out J2

M=Metal, GL=Glass, PL=Plastic, CB=Cardboard, CBT=CB tube, P=Paper

G=Gallon, qt=Quart, pt=Pint, L=Liter, ml=Milliliter, lb=Pound, oz=Ounce, g=Gram, mg=Milligram

PHILIP ENVIRONMENTAL ATTACHMENT TO HAZARDOUS WASTE MANIFEST#: _____ (C) Page: 2 of 4

LABPACK/COMMERCIAL PRODUCT PACK (Circle One) Drum # 300-666 Project #: _____ Date: 7/14/96

Generator: USEPA Cleanup Removal Drum Type/Size: _____ Profile#: _____ Rec'v. Facility _____

EPA ID#: _____ Total Vol./Wt. _____ Transporter: _____

DOT PSN: _____

Constituents: _____ (Circle RQ constituent, otherwise specify): _____

Haz Class: Poison Solids 6.1 DOT ID#: _____ PG: _____ RQ= _____ lb. Labels: _____

EPA Codes: _____ State Codes: _____ Approval: _____

FFI use only Disposition	A Items	B Description (Chemical & Physical)	C1 DOT ID#	C2 DOT Packing Group	D1 EPA Waste Code	D2 EPA Sub Cat	D3 WA DOE Waste Code	E Solid/Liquid	F # of Cont.	G Container Type/Size	H Waste Amount	I DOT RQ (lb)	J1 Land Disposal Restriction All Trt INCIN *	J2 Specified Tech 40 CFR 268.40	J2 Specified Tech Tech Code	J3 Meets Stnd No Trt Req'd	K State Waste Only	L DOT Reg Only	M Non-reg Waste Only
		OXALIC Acid						S	1	GL ¼#	20%		YI	14					
		HydraBenzene						S	1	GL 100g	100%								
		O-SulfoBRAZALDehyde Sodium SALT						S	1	GL 100g	100%								
		3-Hydroxy-4-NITRO Benzoic Acid						S	1	GL 100g	50%								
		Rhodanine (ALDRich)						S	1	GL 100g	70%								
		PyroGALLIC ACID CRYSTALS						S	1	GL 4oz	100%								
		O-TOLIDINE Practical						S	1	GL 200g	70%								
		COPPER SULFATE						S	5	PL 2#	100%								
		FIPERAZINE						S	1	GL 100g	100%								
		2,2,4-TRIMETHYL-1,3-PENTANDIOL						S	1	GL 200g	100%								
		TETRAPHENYLTIN						S	1	GL 200g	50%								
		TETRAMETHYL AMMONIUM BROMIDE						S	1	GL 100g	100%								
		XYLENE CyaNOLE FF						S	1	GL 100g	90%								
		ALUMINUM SULFATE						S	1	GL 1#	30%								
		Sodium PHOSPHATE TRIPOLY						S	1	GL 500g	100%								
		PHENOLPHTHALEIN						S	1	GL 4oz.	100%								
		EOSIN (2,4,5,7-TETRABROMOFLUORESCEIN DISODIUM SALT						S	1	GL 4oz	30%								
		LITMUS GRANULAR						S	1	GL 4oz.	40%								
		TITAN YELLOW						S	1	GL 100g	60%								
		FLUORESCEIN DISODIUM SALT						S	1	GL 8oz	60%								
		DODECENYL SUCCINIC ANHYDRIDE						S	1	GL 500g	90%								
		OXALIC ACID AMMONIUM SALT						S	1	GL 1 Kg	100%								
		5-SULFOSALICYLIC Acid						S	1	GL 2 LB	90%								
		Lumen 2						S	1	PL 2#	100%								
		TARTARIC ACID						S	1	PL 1#	100%								
		PUMICE						S	1	PL 50g	70%								

*H = The following wastes are prohibited from alternative labpack treatment standard (INCIN): D009, D010, K003,6, K062, K071, K100, K106, P010,12, P076, P078, U134, U151. Fill out J2

M: Metal, GL=Glass, PL=Plastic, CB=Cardboard, CBT=CB tube, P=Paper

G=Gallon, qt=Quart, pt=Pint, L=Liter, ml=Milliliter, lb=Pound, oz=Ounce, g=Gram, mg=Milligram

PHILIP ENVIRONMENTAL ATTACHMENT TO HAZARDOUS WASTE MANIFEST# _____ (16) Page: 3 of 4

LABPACK/COMMERCIAL PRODUCT PACK (Circle One) Drum # 800-666 Project #: _____ Date: _____

Generator: USEPA Chemical Repository Drum Type/Size: 1/4 55g Profile#: _____ Rec'v. Facility _____

EPA ID#: IKSD000000652 Total Vol./Wt. _____ Transporter: _____

DOT PSN: _____

Constituents: _____ (Circle RQ constituent, otherwise specify): _____

Haz Class: Poison Solids 6.1 DOT ID#: _____ PG: _____ RQ= _____ lb. Labels: _____

EPA Codes: _____ State Codes: _____ Approval: _____

PEI use only: Page/Item	A: Item#	B: Description (Chemical & Physical)	C1: DOT ID#	C2: DOT Packing Group	D1: EPA Waste Code	D2: EPA Sub Cat	D3: WA DOE Waste Code	E: Solid/Liquid	F: # of Cont	G: Container Type/Size	H: Waste Amount	I: DOT RQ (lb)	J1: Land Disposal Restriction All Trt IN/CIN *	J2: Specified Tech 40 CFR 268.40	J2: Specified Tech Tech Code	J3: Meets Stnd No Trt Reqd	K: State Waste Only	L: DOT Reg Only	M: Non reg Waste Only
		OSCARITE						S	1	GL 1#	100%								
		PYLAKLOR FLUORSCENE						S	1	PL 1#	30%								
		TARTARIC ACID						S	1	GL 500g	100%								
		PHENOLPHTHALEIN						S	4	GL 1#	100%								
		METHYLENE BLUE						S	1	GL 1#	100%								
		DIMETHYL GLYOXINE						S	1	GL 1#	100%								
		FLUORSCEIN DISODIUM SALT						S	1	PL 500g	90%								
		GLCERALDEHYDE						S	1	GL PT	100%								
		LITMUS CRYSTALS						S	2	PL 100g	80%								
		PYLAKLOR LX-1152						S	1	PL 250g	10%								
		FLUORESCEIN DISODIUM SALT						S	1	PL 25g	10%								
		DIMETHYLGLYOXIME						S	1	GL 1#	90%								
		PYLAKLOR 5-547						S	1	PL 25g	100%								
		M PHENYLENEDIAMINE						S	1	GL 500g	90%								
		PHENOL RED INDICATOR						S	1	GL 4oz	50%								
		2,6 DICHLOROPHENOL-INDOPHENOL						S	1	GL 1g	100%								
		BROM CRESOL PURPLE						S	1	GL 1oz	100%								
		BROM CRESOL GREEN						S	1	GL 1oz	100%								
		PENTACYL VIOLET 6R						S	1	GL 4oz	50%								
		PHENOLIEN INDICATOR						S	1	GL 1oz	50%								
		ERIOCHROME BLACK T						S	1	GL 4oz	40%								
		DI-P-TOLYL MERCURY						S	1	GL 4oz	70%								
		PHENOL RED SODIUM SALT						S	1	GL 4oz	20%								
		INDOLEACETIC ACID						S	1	GL 2oz	40%								
		~~FUCS~~ FUCHSIN						S	1	PL 10g	100%								
		Indigo Carmine						S	1	GL 4oz	100%								
		SAFRANIN O						S	1	GL 4oz	30%								

*J1 The following wastes are prohibited from alternative labpack treatment standard (IN/CIN): D009, F019, K003 6, K062, K071, K100, K106, P010 12, P076, P078, U134, U151. Fill out J2

M: Metal, GL=Glass, PL=Plastic, CB=Cardboard, CBT=CB tube, P: Paper

G: Gallon, qt=Quart, pt=Pint, L: Liter, ml=Milliliter, lb=Pound, oz=Ounce, g=Gram, mg=Milligram

PHILIP ENVIRONMENTAL ATTACHMENT TO HAZARDOUS WASTE MANIFEST#

LABPACK/COMMERCIAL PRODUCT PACK (Circle One)

Drum # 800-666 Project #: Page: 4 of 4

Date: 7/4/96

Generator: USEPA Chemco Removal

Drum Type/Size: 17H 55g Profile#:

Rec'v. Facility:

EPA ID#: KSD000000652

Total Vol./Wt.:

Transporter:

DOT PSN:

Constituents: (Circle RQ constituent, otherwise specify):

Haz Class: Poison Solid 6.1 DOT ID#: PG: RQ= lb. Labels:

EPA Codes: State Codes: Approval:

FEI use only Disposition	A Item#	B Description (Chemical & Physical)	C1 DOT ID#	C2 DOT Packing Group	D1 EPA Waste Code	D2 EPA Sub Cat	D3 WA DOE Waste Code	E Solid/Liquid	F # of Cont	G Container Type/Size	H Waste Amount	I DOT RQ (lb)	J1 Land Disposal Restriction Alt Trt INCIN *	J2 Specified Tech 40 CFR 268.40	J2 Specified Tech Tech Code	J3 Meets Stnd No Trt Req'd	K State Waste Only	L DOT Reg Only	M Non-reg Waste Only
		Poison Solid NOS, Haz Cat H 131						S	1	Cu [illegible]	100%								
		Eosin, Indicator Grade						S	1	GL 25g	100%								
		Orange IV						S	1	GL 25g	90%								
		Trypan Blue						S	1	GL 25g	100%								
		Pontacyl Carmine 2B						S	1	GL 25g	90%								
		Basic Fushine Dye						S	1	GL 25g	90%								
		Nigrosin						S	1	GL 25g	50%								
		Neutral Red						S	1	GL 25g	50%								
		Malachite Green						S	1	Gl 1oz	30%								

[illegible signature] 7/4/96 [illegible]

*J1 The following wastes are prohibited from alternative labpack treatment standard (INCIN): D009, F019, K003-6, K062, K071, K100, K106, P010-12, P076, P078, U134, U151. Fill out J2

M=Metal, GL=Glass, PL=Plastic, CB=Cardboard, CBT=CB tube, P=Paper

G=Gallon, qt=Quart, pt=Pint, L=Liter, mL=Milliliter, lb=Pound, oz=Ounce, g=Gram, mg=Milligram

PHILIP ENVIRONMENTAL ATTACHMENT TO HAZARDOUS WASTE MANIFEST# _____ **Page:** 1

LABPACK/COMMERCIAL PRODUCT PACK (Circle One) Drum # 800(67 Project #: _____ Date: _____

Generator: USEPA Region VII Removal Drum Type/Size: 1/1H 55g Profile#: _____ Rec'v. Facility

EPA ID#: KSD000000652 Total Vol./Wt. _____ Transporter: _____

DOT PSN: _____

Constituents: _____ (Circle RQ constituent, otherwise specify): _____

Haz Class 6.1 Class Solids DOT ID#: _____ PG: _____ RQ= _____ lb. Labels: _____

EPA Codes: _____ State Codes: _____ Approval: _____

FEI use only Disposition	A Item #	B Description (Chemical & Physical)	C1 C2 DOT ID#	C2 DOT Packing Group	D1 D2 EPA Waste Code	D2 EPA Sub Cat	D3 WA DOE Waste Code	E Solid/ Liquid	F # of Cont	G Container Type/Size	H Waste Amount	I DOT RQ (lb)	J1 Land Disposal Restriction Alt Trt INCIN *	J2 Specified Tech 40 CFR 268.40	J2 Tech Code	J3 Meets Stnd No Trt Req'd	K State Waste Only
		hydrogen sulfide			D003, U135			S	1	1kg	1kg						
		potassium cyanide						S	1	5lb	5lb						
		potassium oxalate						S	3	5lb	15lb						
		Naphthol						S	1	1kg	1kg						
		potassium bicarbonate						S	1	1kg	1kg						
		potassium metabisulfite						S	2	5lb	10lb						
		sodium salicylate						S	1	1lb	1lb						
		sodium sulfate						S	1	5lb	5lb						
		Sodium tetraborate						S	1	4kg	4kg						
		potassium bicarbonate						S	1	1kg	1kg						
		Boric acid						S	2	500g	1kg						
		Sodium Chloride						S	3	1lb	1lb						
		Resorcinol			U201			S	1	1lb	1lb						
		Sodium Arsenate						S	7	1lb	7lb						
		Xanthines						S	1	1lb	1lb						
		8-Quinolinol						S	1	1kg	1kg						
		Quinhydrone						S	1	100g	100g						
		Tetrahydroxy-p-benzoquinone						S	1	10g	10g						
		Tetraethyl Ammonium iodide						S	1	10g	10g						
		Sodium thioxanate						S	5	1lb	5lb						
		Sodium hexametaphosphate						S	2	1lb	1lb						
		Sodium oxalate						S	2	1lb	2lb						
		Sodium oxalate						S	1	100g	1kg						
		Sodium Sulfate						S	4	200g	800g						
		1,2,4,5 tetrachlorobenzene						S	1	1lb	1lb						
		tetrabutyl ammonium iodide						S	1	100g	100g						
		Methoxyethanol						S	1	100g	100g						

*J1 The following wastes are prohibited from alternative labpack treatment standard (INCIN): D009, F019, K003 6, K062, K071, K100, K106, P010 12, P076, P078, U134, U151. Fill out J2

M=Metal, GL=Glass, PL=Plastic, CB=Cardboard, CBT=CB tube, P=Paper

G=Gallon, qt=Quart, pt=Pint, L=Liter, mL=Milliliter, lb=Pound, oz=Ounce, g=Gram, mg=Mill

PHILIP ENVIRONMENTAL ATTACHMENT TO HAZARDOUS WASTE MANIFEST# _____ (69) Page: 2 of 3

LABPACK/COMMERCIAL PRODUCT PACK (Circle One) Drum # 800-667 Project #: _____ Date: _____

Generator: USEPA Region VII Chemical Removal Drum Type/Size: 17H 55G Profile#: _____ Rec'v. Facility _____

EPA ID#: KSP000000652 Total Vol./Wt. _____ Transporter: _____

DOT PSN: _____

Constituents: _____ (Circle RQ constituent, otherwise specify): _____

Haz Class 6.1 Poison Solid DOT ID#: _____ PG: _____ RQ= _____ lb. Labels: _____

EPA Codes: _____ State Codes: _____ Approval: _____

PEI use only (Disposal)	A Item #	B Description (Chemical & Physical)	C1 DOT ID#	C2 DOT Packing Group	D1 EPA Waste Code	D2 EPA Sub Cat	D3 WA DOE Waste Code	E Solid/ Liquid	F # of Cont	G Container Type/Size	H Waste Amount	I DOT RQ (lb)	J1. Land Disposal Restriction All Trt INCIN *	J2. Specified Tech 40 CFR 268.40	J2. Specified Tech Tech Code	J3. Meets Stnd No Trt Req'd	K. State Waste Only	L DOT Reg Only	M. Non reg Waste Only
		Sodium hypophosphite						S	1	1lb	1lb								
		Sulfamic acid						S	1	1lb	½lb								
		Lithium phosphate						S	1	½lb	½lb								
		Sodium phosphate nonahyd						S	10	1lb	9lb								
		Sodium phosphate dibasic						S	6	1lb	4lb								
		Tannic acid						S	1	1kg	1kg								
		Antimony sulfide						S	1	100g	100g								
		Arsenous Acid			D010, D004			S	2	100g	50g								
		Arsenic Acid			D010, D004			S	1	1lb	1lb								
		Thallium oxide						S	1	100g	100g								
		Dimethyl 1,3 cyclobutanedione						S	1	500g	500g								
		Arsenic trioxide			D012, D004			S	1	1lb	1lb								
		Sodium phosphate dibasic						S	1	½lb	½lb								
		m-terphenyl						S	1	1kg	1kg								
		Thiram						S	1	1lb	1lb								
		Ammonium metavanadate			D007			S	1	½lb	½lb								
		2(2-methoxyethyl) ethanol						S	1	1kg	10g								
		Zinc sulfate						S	1	100g	100g								
		p-bromoaniline						S	1	100g	100g								
		Sodium oxide			D006			S	1	1lb	1lb								
		Sodium fluoride						S	3	1lb	3lb								
		Cadmium chloride			D006			S	1	1lb	½lb								
		Cadmium sulfide			D006			S	1	5kg	5kg								
		Calcium oxalate						S	6	½lb	3lb								
		Ferrous iodide crystal						S	1	0g	0g								
		2,3,5, triphenyl 2H tetrazolium			chloride			S	1	0g	0g								
		Bromphenol blue						S	1	0g	0g								

*J1 The following wastes are prohibited from alternative labpack treatment standard (INCIN): D009, F019, K003 6, K062, K071, K100, K106, P010 12, P076, P078, U134, U151. Fill out J2

M=Metal, GL=Glass, PL=Plastic, CB=Cardboard, CBT=CB tube, P=Paper

G=Gallon, qt=Quart, pt=Pint, L=Liter, ml=Milliliter, lb=Pound, oz=Ounce, g=Gram, mg=Milligram

PHILIP ENVIRONMENTAL ATTACHMENT TO HAZARDOUS WASTE MANIFEST# _____ Page: 3 of 3

LABPACK/COMMERCIAL PRODUCT PACK (Circle One) Drum # 820667 Project #: _____ Date: _____

Generator: USEPA Region VII Chemical Removal Drum Type/Size: 17H 55g Profile#: _____ Rec'v. Facility _____

EPA ID#: IGD 000000652 Total Vol./Wt. _____ Transporter: _____

DOT PSN: _____

Constituents: _____ (Circle RQ constituent, otherwise specify): _____

Haz Class: CL Poison solid DOT ID#: _____ PG: _____ RQ= _____ lb. Labels: _____

EPA Codes: _____ State Codes: _____ Approval: _____

EPI use only: Disposition	A: Item #	B: Description (Chemical & Physical)	C1 DOT: ID#	C2 DOT: Packing Group	D1 EPA: Waste Code	D2 EPA: Sub Cat	D3 WA DOE: Waste Code	E: Solid/Liquid	F: # of Cont	G: Container Type/Size	H: Waste Amount	I DOT: RQ (lb)	J1 Land Disposal Restriction: All Trt INCIN *	J2 Land Disposal Restriction: Specified Tech 40 CFR 268.40	J3 Land Disposal Restriction: Meets Subd No Trt Req'd	K: State Waste Only	L: DOT Reg Only	M: Non reg Waste Only
		Cresol red						S	1	B	1g							
		Cotton blue						S	1	B	1g							
		Cresyl blue						S	1	B	1g							
		Indigo carmine						S	1	B	1g							
		Phloxine						S	1	B	1g							
		Phenolphthalein						S	1	B	1g							
		Aniline blue						S	1	B	1g							
		Phenolphthalein						S	1	B	1g							
		Methyl green						S	1	B	1g							
		Alizarin						S	1	B	1g							
		Methyl Red						S	1	B	1g							

*11 The following wastes are prohibited from alternative labpack treatment standard (INCIN): D009, F019, K003 6, K062, K071, K100, K106, P010 12, P076, P078, U134, U151. Fill out J2

M: Metal, GL=Glass, PL=Plastic, CB=Cardboard, CBT=CB tube, P=Paper

G=Gallon, qt=Quart, pt=Pint, L=Liter, ml=Milliliter, lb=Pound, oz=Ounce, g=Gram, mg=Milligram

PHILIP ENVIRONMENTAL ATTACHMENT TO HAZARDOUS WASTE MANIFEST# _____ Page: 1 of 1

LABPACK/COMMERCIAL PRODUCT PACK (Circle One) Drum # 800-668 Project #: _____ Date: _____

Generator: US EPA Chemical Removal Drum Type/Size: 17H 55g Profile#: _____ Rec'v. Facility _____

EPA ID#: ICSQ000000652 Total Vol./Wt. _____ Transporter: _____

DOT PSN: _____

Constituents: _____ (Circle RQ constituent, otherwise specify): _____

Haz Class: FLAMMABLE SOLIDS 4.1 DOT ID#: _____ PG: _____ RQ= _____ lb. Labels: _____

EPA Codes: _____ State Codes: _____ Approval: _____

EPI use only	A	B	C1	C2	D1	D2	D3	E	F	G	H	I	J1	J2	J3	K	L	M
			DOT		EPA		WA DOE					DOT	Land Disposal Restriction					
Disposition	Item #	Description (Chemical & Physical)	ID#	Packing Group	Waste Code	Sub Cat	Waste Code	Solid/ Liquid	# of Cont	Container Type/Size	Waste Amount	RQ (lb)	Alt. Trt INCIN *	Specified Tech 40 CFR 268.40	Tech Code	Meets Stnd No Trt Req'd	State Waste Only	DOT Reg Only	Non-reg Waste Only
		naphthalene						S	1	gl/1kg	50%							
		charcoal, granular			D001			S	1	gl/1lb	50%							
		cellulose acetate butyrate			D001			S	1	gl/1lb	100%							
		cellulose acetate			D001			S	1	gl/1lb	100%							
		flammable solid, n.o.s. (hycat)						S	2	gl/500g	100%							
		p-dibromobenzene						S	1	gl/1pt	25%							
		charcoal			D001			S	1	gl/100gm	100%							
		p-dibromobenzene						S	1	gl/100g	100%							
		α,α'-dibromo-p-xylene			D001			S	1	gl/500g	100%							
		4-iodanisole						S	1	gl/10g	100%							
		1-tetradecanol						S	1	gl/10g	100%							
		butyl tin acetate						S	1	gl/50g	100%							
		bromocamphor						S	1	gl/40g	100%							
		contact cement						S	1	gl/1pt	50%							
		didecylamine						S	1	gl/300g	100%							
		α'α'-dibromo-o-xylene			D001			S	1	gl/1pt	10%							
		dl camphor			D001			S	1	gl/5oz	50%							
		dinitrophenol						S	1	gl/5lbs	50%							
		2,5-dichlorobenzenesulfonic						S	1	gl/30g	10%							
		bromocresol green						S	4	gl/10g	100%							

*J1 The following wastes are prohibited from alternative labpack treatment standard (INCIN): D009, F019, K003-6, K062, K071, K100, K106, P010-12, P076, P078, U134, U151. Fill out J2.

M=Metal, GL=Glass, PL=Plastic, CB=Cardboard, CBT=CB tube, P=Paper

G=Gallon, qt=Quart, pt=Pint, L=Liter, mL=Milliliter, lb=Pound, oz=Ounce, g=Gram, mg=Milligram

PHILIP ENVIRONMENTAL ATTACHMENT TO HAZARDOUS WASTE MANIFEST# _____ (82) Page: 1 of 1

LABPACK/COMMERCIAL PRODUCT PACK (Circle One) Drum # 300-665 Project #: _____ Date: _____

Generator: USEPA Chemco Removal Drum Type/Size: 17H 55g Profile#: _____ Rec'v. Facility _____

EPA ID#: KSP 0000006552 Total Vol./Wt. _____ Transporter: _____

DOT PSN: _____

Constituents: _____ (Circle RQ constituent, otherwise specify): _____

Haz Class: Dangerous When Wet (4.3) DOT ID#: _____ PG: _____ RQ= _____ lb. Labels: _____

EPA Codes: _____ State Codes: _____ Approval: _____

FEI use only: Disposition	A: Item #	B: Description (Chemical & Physical)	C1 DOT: ID#	C2 DOT: Packing Group	D1 EPA: Waste Code	D2 EPA: Sub Cat	D3 WA DOE: Waste Code	E: Solid/Liquid	F: # of Cont	G: Container Type/Size	H: Waste Amount	I: DOT RQ (lb)	J1: Land Disposal Restriction: Alt. Trt. UNCLN *	J2: Specified Tech. 40 CFR 268.40	J2: Specified Tech. Tech Code	J3: Meets Stnd. No Trt. Req'd	K: State Waste Only	L: DOT Reg Only	M: Non reg Waste Only
		Zinc phosphide						S	1	GL/25g	10%								
		unknown, dangerous when wet						S	1	pl/pt	10%								
		Sodium aluminate						S	1	pl/100g	10%								
		Lithium Metal						S	1	pl/2L	100%								
		phosphorous pentasulfide						S	1	pl/2.5kg	100%								
		sodium aluminate						S	1	pl/5lb	100%								
		Lithium Metal						S	1	pl/2L	100%								
		sodium amide						S	1	pl/2kg	100%								
		2,2,4,4,6,6 hexanitrodiphenol sulfide						S	1	pl/2kg	100%								
		Calcium Hydride Lumps			D001, D003			S	1	PL/172g	50%								
		Calcium Hydride Purified			D001, D003			S	3	GL/100g	90%								
		Calcium Carbide			D001, D003			S	1	PL/1G	40%								

*J1 The following wastes are prohibited from alternative labpack treatment standard (INCIN): D009, F019, K003 6, K062, K071, K100, K106, P010 12, P076, P078, U134, U151. Fill out J2

M=Metal, GL=Glass, PL=Plastic, CB=Cardboard, CBT=CB tube, P=Paper

G=Gallon, qt=Quart, pt=Pint, L=Liter, ml=Milliliter, lb=Pound, oz=Ounce, g=Gram, mg=Milligram

PHILIP ENVIRONMENTAL ATTACHMENT TO HAZARDOUS WASTE MANIFEST# _____ (37) **Page:** 1 **of** 2

LABPACK/COMMERCIAL PRODUCT PACK (Circle One) **Drum #** 800-870 **Project #:** _____ **Date:** _____

Generator: USEPA Region VII Chemical Removal **Drum Type/Size:** 17H 55g **Profile#:** _____ **Rec'v. Facility** _____

EPA ID#: KSD000000652 **Total Vol /Wt.** _____ **Transporter:** _____

DOT PSN: _____

Constituents: _____ (Circle RQ constituent, otherwise specify): _____

Haz Class 6.1 Poison Solid **DOT ID#:** _____ **PG:** _____ **RQ=** _____ lb. **Labels:** _____

EPA Codes: _____ **State Codes:** _____ **Approval:** _____

FEI use only: Disposition	A: Item#	B: Description (Chemical & Physical)	C1: (DOT) ID#	C2: (DOT) Packing Group	D1: (EPA) Waste Code	D2: (EPA) Sub Cat	D3: WA DOE Waste Code	E: Solid/Liquid	F: # of Cont	G: Container Type/Size	H: Waste Amount	I: DOT RQ (lb)	J1: Land Disposal Restriction: AR Trt INCIN *	J2: Specified Tech: 40 CFR 268.40	J2: Specified Tech: Tech Code	J3: Waste Subj: No Trt Req'd	K: State Waste Only	L: DOT Reg Only	M: Non-reg Waste Only
		Mercuric iodide			D009			S	1	1lb	1lb								
		Mercurous Nitrate			D009			S	1	25g	25g								
		Mercuric Nitrate			D009			S	1	25g	25g								
		Mercuric oxide yellow			D009			S	1	1lb	1lb								
		mercuric oxide, red			D009			S	1	1lb	1lb								
		Mercury Ammoniated			D009			S	1	1oz	1oz								
		Mercuric iodide			D009			S	1	1oz	1oz								
		Mercuric Nitrate			D009			S	1	1lb	1lb								
		Mercuric acetate			D009			S	13	1lb	13lb								
		Mercuric oxide			D009			S	1	225g	225g								
		phenyl mercuric bromide			D009			S	1	1g	1g								
		(Phenylthio)-1,3 Cyclobutanedione						S	1	500g	500g								
		Thiosemicarbazide						S	1	100g	100g								
		Thiourea						S	1	1lb	1lb								
		Para Dimethyl Benzene						S	1	1lb	1lb								
		1,3 Din butyl-2-thiourea						S	1	500g	500g								
		O-Nitroaniline						S	1	500g	500g								
		1-(1 Naphthyl)-2-Thiourea						S	1	500g	500g								
		Sodium Nitroferricyanide						S	1	500g	500g								
		Sodium Nitroprusside						S	1	1lb	1lb								
		Sodium Arsenite			D004			S	2	1lb	2lb								
		Sodium Arsenite			D004, D007			S	1	1lb	1lb								
		Sodium-m Arsenite			D004			S	1	1lb	1lb								
		p-Toluene acid sulfonimide						S	1	500g	500g								
		Tartaric acid						S	1	1lb	1lb								
		Fuchsin D Red						S	3	1lb	2lb								
								S	1	500g	500g								

*11 The following wastes are prohibited from alternative labpack treatment standard (INCIN): D009, F019, K003 6, K062, K071, K100, K106, P010 12, P076, P078, U134, U151. Fill out J2.

M: Metal, GL: Glass, PL: Plastic, CB=Cardboard, CBT: CB tube, P=Paper

G=Gallon, qt=Quart, pt=Pint, L=Liter, ml=Milliliter, lb=Pound, oz=Ounce, g=Gram, mg=Milligram

PHILIP ENVIRONMENTAL ATTACHMENT TO HAZARDOUS WASTE MANIFEST# .

LABPACK/COMMERCIAL PRODUCT PACK (Circle One) Drum # 800-670 Project #: _____ Page: 2 of 2

Generator: USEPA Region III Chlame Remover Drum Type/Size: 17H SSq Profile#: _____ Date: _____

EPA ID#: KSJD000080652 Total Vol./Wt. _____ Rec'v. Facility _____

DOT PSN: _____ Transporter: _____

Constituents: _____ (Circle RQ constituent, otherwise specify): _____

Haz Class _____ DOT ID#: _____ PG: _____ RQ= _____ lb. Labels: _____

EPA Codes: 6.1 Poison B Solid State Codes: _____ Approval: _____

PEI use only Disposition	A Item #	B Description (Chemical & Physical)	C1 DOT ID#	C2 DOT Packing Group	D1 EPA Waste Code	D2 EPA Sub Cat	D3 WA DOE Waste Code	E Solid/Liquid	F # of Cont	G Container Type/Size	H Waste Amount	I DOT RQ (lb)	J1 Land Disposal Restriction Alt Trt (IN/CIN) *	J2 Specified Tech 40 CFR 268.40	J2 Specified Tech Tech Code	J3 Meets Stnd No Trt Req'd	K State Waste Only	L DOT Reg Only	M Non reg Waste Only
		Tartrazine						S	1	100g	100g								
		o-Cresol phthalein						S	1	100g	100g								
		hydroxynaphthol Blue						S	1	1/4lb	1/4lb								
		cochineal powder						S	1	1/4lb	1/4lb								
		Methyl Violet						S	1	50L	50L								
		Bismark brown						S	1	50L	50L								
		Gentian Violet						S	1	25g	25g								
		Basic fuchsin powder						S	1	10g	10g								
		Sugar						S	1	1lb	500g								
		p-methylaminophenol						S	1	6lbs	5lbs								
		resorcin brown						S	1	5g	5g								
		fuchsine pool killer						S	1	100g	100g								
		p-Diphenylamine sulfonic acid	Barium	(V)				S	1	25g	25g								
		Mercuric Nitrate			D009			L	3	200ml	200ml								
		Mercury metal			D009			L	1	5ml	1ml								
		X,X'-Oxydiacetic Acid						S	1	6L/750ml	70%								
		Benzoic Acid						S	1	6L/1lb	80%								
		Benzoic Acid						S	1	6L/100g	70%								
		Benzoic Acid						S	1	6L/1lb	80%								
		Benzoic Acid						S	1	6L/1lb	80%								
		Benzoic Acid						S	1	6L/1Kg	70%								

*11 The following wastes are prohibited from alternative labpack treatment standard (IN/CIN): D009, F019, K003 6, K062, K071, K100, K106, P010 12, P076, P078, U134, U151. Fill out J2

M Metal, GL=Glass, PL=Plastic, CB=Cardboard, CBT=CB tube, P=Paper

G=Gallon, qt=Quart, pt=Pint, L=Liter, ml=Millilter, lb=Pound, oz=Ounce, g=Gram, mg=Milligram

PHILIP ENVIRONMENTAL ATTACHMENT TO HAZARDOUS WASTE MANIFEST# _____ Page: 1 of 1

LABPACK/COMMERCIAL PRODUCT PACK (Circle One) Drum # 800-671 Project #: _____ Date: _____

Generator: USEPA CHEMCO Raymond Drum Type/Size: 17H 55g Profile#: _____ Rec'v. Facility _____

EPA ID#: WSD000000652 Total Vol./Wt. _____ Transporter: _____

DOT PSN: _____

Constituents _____ (Circle RQ constituent, otherwise specify): _____

Haz Class: Poison (CYANIDES) 6.1 DOT ID#: _____ PG: _____ RQ= _____ lb. Labels: _____

EPA Codes: _____ State Codes: _____ Approval: _____

FEI use only Disposal	A Item #	B Description (Chemical & Physical)	C1 (X) 1 ID#	C2 Packing Group	D1 EPA Waste Code	D2 Sub Cat	D3 WA Dang Waste Code	E Solid/Liquid	F # of Cont	G Container Type/Size	H Waste Amount	I DOT RQ (lb)	J1 Land Disposal Restriction AR Trt INCIN *	J2 Specified Tech 40 CFR 268.40	J2 Tech Code	J3 Meets Stnd No Trt Req'd	K State Waste Only	L DOT Reg Only	M Non-reg Waste Only
		Potassium Ferrocyanide						S	1	pl/16lb	75%								
		ammonium thiocyanate						S	1	pl/116	50%								
		sodium ferrocyanide			P030			S	1	gl/5-16	50%								
		ammonium thiocyanate						S	1	pl/50lb	50%								
		sodium thiocyanate						S	4	gl/11b.	50%								
		ammonium thiocyanate						S	3	gl/Y4lb	100%								
		ammonium thiocyanate						S	2	gl/1 lb.	75%								
		sodium thiocyanate						S	1	gl/1lb	100%								
		potassium cyanate						S	1	pl/1lb	50%								
		potassium ferricyanide						S	1	pl/1lb	50%								
		potassium ferricyanide						S	2	gl/1lb	100%								
		potassium ferrocyanide						S	1	gl/Y4lb	100%								
		potassium ferricyanide						S	1	gl/Y4lb	100%								
		ethyl a-cyanocinnamate						S	1	gl/1 lb	100%								
		poison liq. n.o.s., cyanide						L	1	gl/1 lb	100%								
		Sodium cyanide			~~P030~~ P106, U003			L	1	pl/50lb	100%								
		cyano ethyl sucrose						L	2	pl/50lb	100%								
		cyanamide						L	1	gl/50g	100%								
		zinc cyanide			P121			S	1	gl/3 lbs	100%								
		cyanoguanidine						S	1	gl/50lb	50%								
		ethyl cyanoacetate						L	1	gl/1L	50%								
		acetone cyanohydrin						L	1	gl/1L	75%								
		cyclohexylisothiocyanate						L	1	gl/1oz	10%								
		potassium cyanide			P098, U033			L	1	pl/1pt	10%								
		potassium thiocyanate						L	1	gl/Y4oz	100%								
		ethyl sec. butylethylcyanoacetate						L	1	gl/Y4oz	100%								

*J1 The following wastes are prohibited from alternative labpack treatment standard (INCIN): D009, F019, K003-6, K062, K071, K100, K106, P010-12, P076, P078, U134, U151. Fill out J2.

M=Metal, G=Glass, PL=Plastic, CB=Cardboard, CBT=CB tube, P=Paper

G=Gallon, qt=Quart, pt=Pint, L=Liter, mL=Milliliter, lb=Pound, oz=Ounce, g=Gram, mg=Milligram

PHILIP ENVIRONMENTAL ATTACHMENT TO HAZARDOUS WASTE MANIFEST# (36) Page: 1 of 2

LABPACK/COMMERCIAL PRODUCT PACK (Circle One) Drum # 800-672 Project #: Date:

Generator: USEPA Region VII Ottawa Remover Drum Type/Size: 17H 55g Profile#: Rec'v. Facility

EPA ID#: KSD000000652 Total Vol./Wt. Transporter:

DOT PSN:

Constituents: (Circle RQ constituent, otherwise specify):

Haz Class: Flammable Liquid 3 DOT ID#: PG: RQ= lb. Labels:

EPA Codes: State Codes: Approval:

PEI use only Disposition	A Item #	B Description (Chemical & Physical)	C1 DOT ID#	C2 DOT Packing Group	D1 EPA Waste Code	D2 EPA Sub Cat	D3 WA DOE Waste Code	E Solid/Liquid	F # of Cont	G Container Type/Size	H Waste Amount	I DOT RQ (lb)	J1 Land Disposal Restriction Aff. Trt INCIN *	J2 Specified Tech 40 CFR 268.40	J2 Specified Tech Tech Code	J3 Meets Stnd No Trt Req'd	K State Waste Only	L DOT Reg Only	M Non reg Waste Only
		Paint & Varnish Remover			U220			L	1	5 lbs	2 lbs								
		Butyl Alcohols			U031			L	1	3 gl	3 gl								
X		Hexyl Alcohol						L	1	30	30								
Y		ethylene glycol monomethyl ether						L	1	5	5								
		Tetrahydrofuran			U213			L	1	5	5								
		2-Ethyl alcohol			U001			L	1	5	5								
Y		2-(2-ethoxyethoxy) Ethanol						L	1	1 pt	1 pt								
		Xylol			U239			L	1	1 pt	1 pt								
		Naphtha			U165			L	1	1 pt	1 pt								
		N-acetylmorpholine			U001			L	1	250g	100g								
		phenolphthalein 50% EtOH			U089			L	1	500g	500g								
		2-undecanone						L	1	200g	100g								
		Diallylamine						L	1	250g	100g								
		ethyl ethanol						L	1	1 pt	1 pt								
		silicanin a			U001			L	1	200g	100g								
X		3-(Di-N-Butylamino) propylamine						L	1	100g	50g								
Y		1,1,1 trifluoroacetone						L	1	100g	100g								
		bromothymol blue			U225			L	1	4oz	4oz								
Y		Quaternary compound						L	1	30g	20g								
		2-(2-(2-methylpropoxy			U001			L	1	10g	5g								
		cyclohexane oxide						L	1	10g	5g								
		Dalan neutral clear						L	1	10g	10g								
		ethyl perfluoropropanate						L	1	1 pt	15g								
		Flammable liquid			U161			L	1	1 L	100g								
		formaline neutralizer						L	1	20g	20g								
		2,4-Dichlorotoluene						L	1	20g	20g								
		Tributyl borate						L	1	100g	50g								

*J1 The following wastes are prohibited from alternative labpack treatment standard (INCIN): D009, F019, K003 6, K062, K071, K100, K106, P010 12, P076, P078, U134, U151. Fill out J2.

M: Metal, GL=Glass, PL=Plastic, CB=Cardboard, CBT=CB tube, P=Paper

G=Gallon, qt=Quart, pt=Pint, L=Liter, ml=Milliliter, lb=Pound, oz=Ounce, g=Gram, mg=Milligram

PHILIP ENVIRONMENTAL ATTACHMENT TO HAZARDOUS WASTE MANIFEST# _____ Page: 2 of 2

LABPACK/COMMERCIAL PRODUCT PACK (Circle One) Drum # 00-672 Project #: _____ Date: _____

Generator: USEPA Region VII Drum Type/Size: 17H 55g Profile#: _____ Rec'v. Facility _____

EPA ID#: KSR000000652 Total Vol./Wt. _____ Transporter: _____

DOT PSN: _____

Constituents: _____ (Circle RQ constituent, otherwise specify): _____

Haz Class 3 Flammable liquids DOT ID#: _____ PG: _____ RQ= _____ lb. Labels: _____

EPA Codes: _____ State Codes: _____ Approval: _____

FEI use only Disposition	A Item#	B Description (Chemical & Physical)	C1 DOT ID#	C2 DOT Packing Group	D1 EPA Waste Code	D2 EPA Sub Cat	D3 WA DOE Waste Code	E Solid/ Liquid	F # of Cont	G Container Type/Size	H Waste Amount	I DOT RQ (lb)	J1 Land Disposal Restriction Alt Trt INCIN *	J2 Specified Tech 40 CFR 268.40	J2 Specified Tech Tech Code	J3 Meets Stnd No Trt Req'd	K State Waste Only	L DOT Reg Only	M Non-reg Waste Only
		Ethyl perfluorobutyrate						L	1	10g	30g								
		Ethyl perfluoropentanoate						L	1	10g	10g								
		Ethyl perfluorohexanoate						L	1	10g	10g								
		Flammable liquid n.o.s. (Ethanol)			D001			L	1	2.5	1/2								

*J1 The following wastes are prohibited from alternative labpack treatment standard (INCIN): D009, F019, K003 6, K062, K071, K100, K106, P010 12, P076, P078, U134, U151. Fill out J2

M=Metal, GL=Glass, PL=Plastic, CB=Cardboard, CBT=CB tube, P=Paper

G=Gallon, qt=Quart, pt=Pint, L=Liter, mL=Milliliter, lb=Pound, oz=Ounce, g=Gram, mg=Milligram

PHILIP ENVIRONMENTAL ATTACHMENT TO HAZARDOUS WASTE MANIFEST#

LABPACK/COMMERCIAL PRODUCT PACK (Circle One)

Drum # 800-673
Project #:
Date: 7/4/96
Generator: USEPA Chemco Removal
Drum Type/Size: 17H 55g
Profile#:
Rec'v. Facility
EPA ID#: KSQ 000000 652
Total Vol./Wt.
Transporter:
DOT PSN:
Constituents:
(Circle RQ constituent, otherwise specify):
Haz Class: Poisonous Liquids 6.1
DOT ID#:
PG:
RQ= lb.
Labels:
EPA Codes:
State Codes:
Approval:

FEI use only Disposition	A Item #	B Description (Chemical & Physical)	C1 DOT ID#	C2 DOT Packing Group	D1 EPA Waste Code	D2 EPA Sub Cat	D3 WA DOE Waste Code	E Solid/Liquid	F # of Cont	G Container Type/Size	H Waste Amount	I DOT RQ (lb)	J1 Land Disposal Restriction Alt Trt INCIN *	J2 Specified Tech 40 CFR 268.40	J2 Specified Tech Tech Code	J3 Meets Stnd No Trt Req'd	K State Waste Only	L DOT Reg Only	M Non reg Waste Only
		URITROL						L	2	PL 1gAL	90% 60%								
		Poison Liquid Unknown, TEA						L	1	PL [illegible] gAL	60%								
		Benzyl Amine						L	1	Gl/500g	80%								
		t-Butyl Acetoacetate						L	1	GL/PT	100%								
		Formamide						L	4	gL L	100%								
		10-Undecenoic Acid						L	1	gL 500g	30%								
		Ultra Ivory						L	1	gL 500g	20%								
		Isopentyl Alcohol						L	1	gL Pt	100%								
		p-Chloroacetophenone						L	1	gL 500g	90%								
		Phenolphthalein in 95% Alcohol						L	1	PL 500mL	100%								
		Biuret Solution						L	1	gL 500mL	100%								
		Glyoxal 40% in Water						L	1	gL 1Pt	100%								
		Poison Solid Unknown, HazCat# 36						L	1	PL	100%								
		Acetycholine Bromide						L	[illegible]	gL 2oz	100%								
		Poison Solid Unknown, HazCat# 34						L	1	½# plastic	100%								
		Poison Solid Unknown HazCat # 35						L	1	½# plastic	100%								
		2-Di-N-Butyl Amino Ethanol						L	1	gL/250g	90%								
		Genapol UD						L	1	gL 250mL	100%								
		1-Dodecene						L	1	gL 100g	100%								
		Ammonium Acetate						L	1	gL ¼#	50%								
		Histamine Acid Phosphate						L	1	gL 2oz	100%								
		Biuret Reagent						L	1	gL 4oz	90%								
		p-Chlorobenzenetrifluoride						L	1	gL 100g	50%								
		m-Toluidine						L	1	gL 100g	100%								
		1-Iodopentane						L	1	gL 100g	50%								
		Phenol Red						L	1	PL 100g	30%								
		Alizarin Indicator						L	1	PL 100g	10%								

*J1 The following wastes are prohibited from alternative labpack treatment standard (INCIN): D009, F019, K003 6, K062, K071, K100, K106, P010 12, P076, P078, U134, U151. Fill out J2

M=Metal, GL=Glass, PL=Plastic, CB=Cardboard, CBT=CB tube, P=Paper

G=Gallon, qt=Quart, pt=Pint, L=Liter, mL=Milliliter, lb=Pound, oz=Ounce, g=Gram, mg=Milligram

EPA

Acknowledgement of Completion (AOC)

07-96-06-0015

START CONTRACT #:68-W6-0012

Site Name: CHEMCO
Activity Type: CERCLA-Funded Removal
Task:
Task Codes:
E.L. Hours: 530
E.L. Cost: $23,200.00
Dedicated: 530
Non-Dedicated: 0

Priority: Low
DPO/PO: PAUL DOHERTY
Task Monitor: JIM KUDLINSKI

Source of Funds: CERCLA
Date Created: 02/13/97
Deliverable: Letter Report

Contractor Section: - Signed by Kim Pond/START on 02/13/97 12:27:25 PM, according to /
Completion Date: 02/13/97

Final Hours:
Dedicated: 338.5
Non-Dedicated: 0
Final Cost: $11,904.47

DCN charging:
DA0021 - $1,757.72
DA0029 - $684.65
DA0049 - $108.46
DB0008 - $704.49
DB0016 - $6,643.21
W10005 - $1,991.13

Activities Performed:

The START was tasked by the EPA Region VII Emergency Response and Removal program to provide assistance during the removal action at the Chemco site in Topeka, Kansas. The Chemco site consisted of illegal storage of hazardous chemicals. A removal action was conducted at the Chemco site from June 24, 1996 to July 8, 1996. Over 2,400 laboratory chemical containers were packed into thirty-seven 55-gallon drums for transportation and proper disposal. All drums were shipped off the site and the removal was completed on July 8, 1996. A removal report and abbreviated PA were submitted to EPA.

Contractor Signature:

I certify that all required tasks have been completed and all deliverables submitted and approved:

Hieu Q. Vu/START PM — 02/13/97 Signed On:

EPA Action: - Signed by Paul Doherty/R7/USEPA/US on 02/18/97 07:33:20 AM, according

PO/DPO Signature:

I acknowledge receipt of all required deliverables.

Paul Doherty/R7/USEPA/US

02/18/97
Signed On: