NM1-11

C-138

Date: 2005

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

RECEIVED
MAR 31 2005
OIL CONSERVATION DIVISION

State of New Mexico
Energy, Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-138
Revised March 17, 1999

Submit Original
Plus 1 Copy
to Appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☐ Non-Exempt: ☒ Verbal Approval Received: Yes ☐ No ☒	4. Generator: BJ Services
	5. Originating Site: Yard
2. Management Facility Destination: Envirotech Soil Remediation Facility, Landfarm #2	6. Transporter: Envirotech
3. Address of Facility Operator: 5796 U.S. Highway 64, Farmington, NM 87401	8. State: New Mexico
7. Location of Material (Street Address or ULSTR) 3250 Southside River Road, Farmington	Project #95026-014

9. Circle One:

A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job.

B. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved

All transporters must certify the wastes delivered are only those consigned for transport.

BRIEF DESCRIPTION OF MATERIAL:

Gel residue that built up in a tank and can't go downhole.

CWS and MSDS attached.

Estimated Volume _____cy Known Volume (to be entered by the operator at the end of the haul) _____cy

SIGNATURE Brandon Powell TITLE: Landfarm Manager DATE: 03/28/05
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: Brandon Powell TELEPHONE NO: (505) 632-0615

(This space for State use)

APPROVED BY: Denny Foust TITLE: Envir/Engr DATE: 3/29/05

APPROVED BY: Ed Martin TITLE: ENVIRO. ENGR. DATE: 3-31-05

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Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: Brandon Powell TELEPHONE NO: (505) 632-0615

(This space for State Use)

APPROVED BY: Jerry Sexton TITLE: Envir/Engr DATE: 3/29/05

APPROVED BY: _____ TITLE: _____ DATE: _____

NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON
Governor
Joanna Prukop
Cabinet Secretary

Lori Wrotenbery
Director
Oil Conservation Division

CERTIFICATE OF WASTE STATUS

1. Generator Name and Address	2. Destination Name:
BJ Services Farmington, New Mexico 87401	Envirotech Inc. Soil Remediation Facility Landfarm #2 Hilltop, New Mexico
3. Originating Site (name): BJ Yard attach list of originating sites as appropriate	Location of the Waste (Street address &/or ULSTR):
4. Source and Description of Waste: Gel residue that built up in a tank and can't go downhole	

I, Les Baugh (Print Name) representative for :

BJ Services do hereby certify that, according to the Resource Conservation and Recovery Act (RCRA) and Environmental Protection Agency's July, 1988, regulatory determination, the above described waste is: (Check appropriate classification)

___ **EXEMPT** oilfield waste

X **NON-EXEMPT** oilfield waste which is non-hazardous by characteristic analysis or by product identification

and that nothing has been added to the exempt or non-exempt non –hazardous waste defined above.

For **NON-EXEMPT** waste the following documentation is attached (check appropriate items):

___MSDS Information
___RCRA Hazardous Waste Analysis
___Chain of Custody
___Other (description

This waste is in compliance with Regulated Levels of Naturally Occurring Radioactive Material (NORM) pursuant to 20 NMAC 3.1 subpart 1403.C and D.

Name (Original Signature): Les Baugh

Title: Facility Supervisor

Phone Number: 505.327.6222

Date: 3/28/05

	BJ SERVICES COMPANY MATERIAL SAFETY DATA SHEET	Region: USA

SECTION I - GENERAL INFORMATION

PRODUCT NAME:	**GW-3LD Green**
ITEM NUMBER:	488323
CHEMICAL DESCRIPTION:	Galactomannan slurry
PRODUCT USE:	Gellant - Water
SUPPLIER:	BJ Services Company
ADDRESS:	5500 Northwest Central Dr Houston TX 77092
EMERGENCY TELEPHONE NUMBER	**(800)424-9300 for CHEMTREC** **(703)527-3887 for International**
PREPARED BY:	BJ Services Environmental Group (281)351-8131
DATE PREPARED:	March 9, 2004

HMIS HAZARD INDEX

HEALTH:	1
FLAMMABILITY:	1
REACTIVITY:	0
PERSONAL PROTECTION:	h

SECTION II - HAZARDOUS COMPONENTS

HAZARDOUS COMPONENTS	CAS #	PERCENT	HAZARD
Hydrotreated heavy petroleum naphtha	64742-48-9	30 – 60	Combustible
Guar gum	9000-30-0	30 – 60	Irritant

SECTION III - FIRE AND EXPLOSION HAZARD DATA

FLASHPOINT (METHOD):	176°F (PMCC)
UPPER EXPLOSION LIMIT (% BY VOL):	0.5
LOWER EXPLOSION LIMIT (% BY VOL):	4.9
AUTO-IGNITION TEMPERATURE:	> 475°F
EXTINGUISHING MEDIA:	Water spray, dry chemical, CO2, foam
SPECIAL FIRE FIGHTING PROCEDURES:	Keep people away. Isolate fire and deny unnecessary entry. Wear positive-pressure, self-contained breathing apparatus and protective fire fighting clothing. If protective equipment is not available or not used, fight fire from a protected location or safe distance.
EXPLOSION DATA:	None listed.
HAZARDOUS COMBUSTION PRODUCTS:	When heated strongly or burned, oxides of carbon and harmful organic chemical fumes are released.

SECTION IV - HEALTH HAZARD DATA

PRIMARY ROUTES OF ENTRY: Inhalation

ACUTE OVEREXPOSURE EFFECTS:

SKIN CONTACT:	May cause mild irritation.
SKIN ABSORPTION:	Not absorbed by skin.
EYE CONTACT:	Eye contact may cause irritation and redness.
INHALATION:	At room temperature, exposures to vapors are minimal due to physical properties; higher temperatures may generate vapor levels sufficient to cause adverse effects.
INGESTION:	If aspirated into lungs from vomiting it can cause severe inflammation to the lungs.

CHRONIC OVEREXPOSURE EFFECTS: None known.

EXPOSURE LIMITS:

HAZARDOUS COMPONENT	ACGIH TLV	OSHA PEL
Hydrotreated heavy petroleum naphtha	N.E.	N.E.
Guar gum	N.E.	N.E.

CARCINOGENICITY, REPRODUCTIVE EFFECTS:
Not listed as carcinogenic - IARC, NTP, or OSHA

TERATOGENICITY, MUTAGENICITY:
No effects listed.

TOXICITY STUDIES:

LD(50)	N.E.
LC(50)	N.E.

SECTION V - FIRST AID PROCEDURES

FOR EYES:	Immediately flush with plenty of water for at least 15 minutes. If irritation persists, contact a physician.
FOR SKIN:	Flush skin with water or wash with mild soap and water if available. Remove contaminated clothing. If irritation persists, contact a physician.
FOR INHALATION:	Remove to fresh air. If breathing has stopped, give artificial respiration. Keep person warm, quiet and get medical attention.
FOR INGESTION:	If swallowed, do not induce vomiting. Give activated charcoal in water, or give 2 glasses milk or water. Contact medical personnel or Poison Control Center. Never give anything by mouth to an unconscious person.

SECTION VI - PHYSICAL DATA

APPEARANCE AND ODOR:	Slightly colored to clear liquid with slight aromatic odor.
SPECIFIC GRAVITY:	1.08 +/- 0.02
VAPOR PRESSURE:	< 0.13 kPa (68°F)
VAPOR DENSITY (air=1):	> 1
EVAPORATION RATE:	N.E.

BOILING POINT:	200 – 259°C
FREEZING POINT:	N.E.
SOLUBILITY IN H20:	Not soluble
pH:	N.A.

SECTION VII - REACTIVITY DATA

CHEMICAL STABILITY:	Stable
INCOMPATIBLE MATERIALS:	Strong oxidizers. Product will cause spill surfaces to become slick where contact with water is made.
HAZARDOUS POLYMERIZATION:	Does not polymerize
HAZARDOUS DECOMPOSITION PRODUCTS:	When heated strongly or burned, oxides of carbon and harmful organic chemical fumes are released.

SECTION VIII - SPECIAL/PERSONAL PROTECTION

VENTILATION:	The use of mechanical ventilation is recommended whenever this product is used in a confined space. Where engineering controls are not feasible, assure use is in an area where there is natural air movement.
RESPIRATORY PROTECTION:	Where airborne concentrations are expected to exceed exposure limits, NIOSH/MSHA approved respirators should be used.
PROTECTIVE GLOVES:	Rubber or neoprene
EYE PROTECTION:	Safety glasses or goggles
OTHER PROTECTIVE EQUIPMENT:	Eyewash bottles or other rinsing equipment should be easily accessible.

SECTION IX - HANDLING PRECAUTIONS

LEAK AND SPILL PROCEDURES:	Dike or contain spill to prevent material from entering waterways. Pump large spills into salvage containers. Soak up residue or small spills with absorbent pads, clay, or dirt and place in salvage containers.
WASTE DISPOSAL:	If this product becomes a waste it does not meet the requirements of a RCRA hazardous. Always dispose of according to all local, state, and federal laws and regulations.
HANDLING & SPECIAL EQUIPMENT:	Avoid contact with eyes, skin and clothing. Avoid breathing vapors. Keep away from heat, sparks and open flames. Keep containers closed when not in use.
STORAGE REQUIREMENTS:	Dry, indoor storage is recommended. Ground containers when filling. Prevent all static and sparks.

SECTION X - REGULATORY INFORMATION

SHIPPING INFORMATION

PROPER SHIPPING NAME:	International = Not Regulated Domestic bulk = Combustible liquid, n.o.s. (contains petroleum distillates) Domestic drum = Not DOT Regulated
HAZARD CLASS:	International = N.A. Domestic bulk = Combustible

UN/NA NUMBER:	Domestic drum = Not DOT Regulated International = N.A. Domestic bulk = NA 1993 Domestic drum = N.A.
PACKING GROUP W/ "PG":	International = N.A. Domestic bulk = PGIII Domestic drum = N.A.
SUBSIDIARY RISK:	N.A.
REPORTABLE QUANTITY (RQ):	N.A.
EMERGENCY RESPONSE GUIDE #:	128

ENVIRONMENTAL INFORMATION

SARA TITLE III

SECTION 302/304	This product does not contain ingredients listed as an Extremely Hazardous Substance.
SECTION 311/312	Immediate, Fire
SECTION 313	This product does not contain ingredients (at a level of 1% or greater) on the List of Toxic Chemicals.

OTHER REGULATORY INFORMATION

TSCA INVENTORY:	All of the components in this product appear on the TSCA inventory.
CALIFORNIA PROP 65:	None of the chemicals on the current Proposition 65 list are known to be present in this product.

The information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof. Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Additionally, vendor assumes no responsibility for injury to vendee or third persons proximately caused by abnormal use of the material even if reasonable safety procedures are followed. Furthermore, vendee assumes the risk in his use of the material.

Revision: 1 **Status: Approved & Released MSDS**

Revision History:

Revision:	Sec/Para Changed	Change Made:	Date
1	N/A	Initial Issue of Document	Today

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Energy Minerals and Natural Resources

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REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☐ Non-Exempt: ☒ Verbal Approval Received: Yes ☐ No ☒	4. Generator: Compressor Systems Inc. 5. Originating Site: CSI Shop
2. Management Facility Destination: Envirotech Soil Remediation Facility, Landfarm #2	6. Transporter: TBA
3. Address of Facility Operator: 5796 U.S. Highway 64, Farmington, NM 87401	8. State: New Mexico
7. Location of Material (Street Address or ULSTR) Compressor Systems inc. shop yard. 36 deg. 41.979N 108deg. 03.157W	Project #01038-040

9. Circle One:

A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job.

B. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved

All transporters must certify the wastes delivered are only those consigned for transport.

BRIEF DESCRIPTION OF MATERIAL:

Accept oil contaminated soil from when 50 gallons of used motor oil was spilled on 1/20/05 when the waste oil truck operator failed to close a valve on the truck.

CWS, MSDS, and analytical attached.

Estimated Volume _____cy Known Volume (to be entered by the operator at the end of the haul) _____cy

SIGNATURE Bob Powell TITLE: Landfarm Manager DATE: January 31, 2005
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: Brandon Powell TELEPHONE NO: (505) 632-0615

(This space for State Use)

APPROVED BY: Jerry Fent TITLE: _____ DATE: _____

APPROVED BY: Ed Martin TITLE: ENVIRO. ENGR. DATE: 3-7-05

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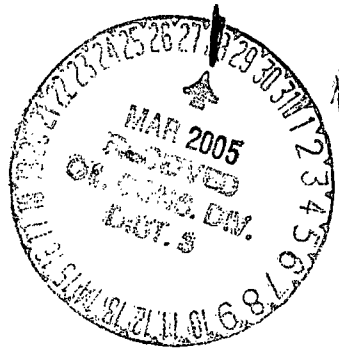

Mach1

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Waste Management Facility Authorized Agent

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(This space for State Use)

APPROVED BY: Jerry Fant TITLE: _____ DATE: _____

APPROVED BY: _____ TITLE: _____ DATE: _____

NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON
Governor
Joanna Prukop
Cabinet Secretary

Lori Wrotenbery
Director
Oil Conservation Division

CERTIFICATE OF WASTE STATUS

1. Generator Name and Address	2. Destination Name:
compressor systems po box 1886 Bloomfield New Mexico 87413	Envirotech Inc. Soil Remediation Facility Landfarm #2 Hilltop, New Mexico
3. Originating Site (name): CSI shop attach list of originating sites as appropriate	Location of the Waste (Street address &/or ULSTR): 36° 41.979 N 108° 03.157 W
4. Source and Description of Waste Oil came into contact with soil when waste oil truck operator failed to close valve on truck. Loss of about 50 gallons of used motor oil was reported to me at 12:00 pm 01/20/05 .	

I mitchell davis _____ representative for :
Print Name

_____CSI_____ do hereby certify that, according to the Resource Conservation and Recovery Act (RCRA) and Environmental Protection Agency's July,1988, regulatory determination, the above described waste is: (Check appropriate classification)

____ **EXEMPT** oilfield waste

X **NON-EXEMPT** oilfield waste which is non-hazardous by characteristic analysis or by product identification

and that nothing has been added to the exempt or non-exempt non –hazardous waste defined above.

For **NON-EXEMPT** waste the following documentation is attached (check appropriate items):

X MSDS Information
___RCRA Hazardous Waste Analysis
___Chain of Custody
____Other (description

This waste is in compliance with Regulated Levels of Naturally Occurring Radioactive Material (NORM) pursuant to 20 NMAC 3.1 subpart 1403.C and D.

Name (Original Signature): _____ Phone # 505-215-1061

Title: LEADMAN

Date 1/31/05

CHAIN-OF-CUSTODY RECORD

HALL ENVIRONMENTAL ANALYSIS LABORATORY
~~5121 69th St., Suite A-7~~ 1123 Grinnel Ste. A
Lubbock, TX ~~79424~~ 79403
(806) 798-9882 • Fax (806) 798-8434

FEB-18-2005(FRI) 15:33

Client: Envirotech Inc	Project Name: Compressor System, Inc
Address: 5796 US Hwy 64 Farmington, NM 87401	Project #: 01038-040
	Project Manager: Dennis Ajeman
Phone #: 505-632-0615	Sampler: Branden Powell
Fax #: 505-632-1865	Samples Cold?: ☐ Yes ☐ No 15°

ANALYSIS REQUEST

Date	Time	Matrix/Method	Sample I.D. No.	Flow Rate (If applicable)	Sample Volume	HEAL No.	Air Spore Count & ID	Air Fungal Count & ID (Cultured)	WallChek TM (Au-O-Cell) Spore Count & ID	Bulk Microscopic Screen & ID	Bulk Fungal Count & ID (Cultured)	Surface Microscopic Screen & ID	Surface Fungal Count & ID (Cultured)	Carpet/Dust Chek Spore Count & ID	Carpet/Dust Chek Fungal Count & ID (Cultured)	Water Fungal Count & ID (Cultured)	RCRA 8 Metals
2/7/05		Soil	32105			0502081-1											1

Date:	Time:	Relinquished By: (Signature)	Received By: (Signature)
2/8/05	945	Mary Bosharett	2/8/05 1708
Date:	Time:	Relinquished By: (Signature)	Received By: (Signature)

Remarks:

PO # 5532

White – Original Copy Yellow – Lab Copy Pink – Client Copy

PPI – 17171

P. 001/003

Hall Environmental Analysis Laboratory

Date: *18-Feb-05*

CLIENT:	Envirotech	**Client Sample ID:**	32105
Lab Order:	0502081	**Collection Date:**	2/7/2005
Project:	Compressor System, Inc.		
Lab ID:	0502081-01	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 7471: MERCURY						Analyst: **CMC**
Mercury	ND	0.033		mg/Kg	1	2/15/2004
EPA METHOD 6010C: SOIL METALS						Analyst: **NMO**
Arsenic	ND	2.5		mg/Kg	1	2/15/2005 1:57:07 PM
Barium	130	1.0		mg/Kg	10	2/15/2005 3:34:37 PM
Cadmium	0.10	0.10		mg/Kg	1	2/15/2005 11:37:23 AM
Chromium	3.2	0.30		mg/Kg	1	2/15/2005 11:37:23 AM
Lead	6.2	0.25		mg/Kg	1	2/15/2005 11:37:23 AM
Selenium	ND	2.5		mg/Kg	1	2/15/2005 1:57:07 PM
Silver	ND	0.25		mg/Kg	1	2/15/2005 11:37:23 AM

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

Material Safety Data Sheet

SECTION 1 PRODUCT AND COMPANY IDENTIFICATION

Chevron HDAX® Low Ash Gas Engine Oil

Product Number(s): CPS232327, CPS232328, CPS232331
Synonyms: Chevron HDAX® Low Ash Gas Engine Oil SAE 30, Chevron HDAX® Low Ash Gas Engine Oil SAE 40, Chevron HDAX® Low Ash Gas Engine Oil SAE 15W-40

Company Identification
ChevronTexaco Global Lubricants
6001 Bollinger Canyon Rd.
San Ramon, CA 94583
United States of America
www.chevron-lubricants.com

Transportation Emergency Response
CHEMTREC: (800) 424-9300 or (703) 527-3887
Health Emergency
ChevronTexaco Emergency Information Center: Located in the USA. International collect calls accepted. (800) 231-0623 or (510) 231-0623
Product Information
email : lubemsds@chevron.com
Product Information: (800) LUBE TEK
MSDS Requests: (800) 414-6737

SECTION 2 COMPOSITION/ INFORMATION ON INGREDIENTS

COMPONENTS	CAS NUMBER	AMOUNT
Non-hazardous additive blend in refined oil	Mixture	100 %weight

SECTION 3 HAZARDS IDENTIFICATION

IMMEDIATE HEALTH EFFECTS
Eye: Not expected to cause prolonged or significant eye irritation.
Skin: Contact with the skin is not expected to cause prolonged or significant irritation. Not expected to be harmful to internal organs if absorbed through the skin.
Ingestion: Not expected to be harmful if swallowed.
Inhalation: Not expected to be harmful if inhaled. Contains a petroleum-based mineral oil. May cause respiratory irritation or other pulmonary effects following prolonged or repeated inhalation of oil mist at airborne levels above the recommended mineral oil mist exposure limit. Symptoms of respiratory irritation may include coughing and difficulty breathing.

SECTION 4 FIRST AID MEASURES

Eye: No specific first aid measures are required. As a precaution, remove contact lenses, if worn, and flush eyes with water.

Skin: No specific first aid measures are required. As a precaution, remove clothing and shoes if contaminated. To remove the material from skin, use soap and water. Discard contaminated clothing and shoes or thoroughly clean before reuse.
Ingestion: No specific first aid measures are required. Do not induce vomiting. As a precaution, get medical advice.
Inhalation: No specific first aid measures are required. If exposed to excessive levels of material in the air, move the exposed person to fresh air. Get medical attention if coughing or respiratory discomfort occurs.

SECTION 5 FIRE FIGHTING MEASURES

FIRE CLASSIFICATION:
OSHA Classification (29 CFR 1910.1200): Not classified by OSHA as flammable or combustible.

NFPA RATINGS: Health: 0 Flammability: 1 Reactivity: 0

FLAMMABLE PROPERTIES:
Flashpoint: (Cleveland Open Cup) 204 °C (399 °F) (Min)
Autoignition: NDA
Flammability (Explosive) Limits (% by volume in air): Lower: NA Upper: NA

EXTINGUISHING MEDIA: Use water fog, foam, dry chemical or carbon dioxide (CO2) to extinguish flames.
PROTECTION OF FIRE FIGHTERS:
Fire Fighting Instructions: This material will burn although it is not easily ignited. For fires involving this material, do not enter any enclosed or confined fire space without proper protective equipment, including self-contained breathing apparatus.
Combustion Products: Highly dependent on combustion conditions. A complex mixture of airborne solids, liquids, and gases including carbon monoxide, carbon dioxide, and unidentified organic compounds will be evolved when this material undergoes combustion. Combustion may form oxides of: Nitrogen .

SECTION 6 ACCIDENTAL RELEASE MEASURES

Protective Measures: Eliminate all sources of ignition in vicinity of spilled material.
Spill Management: Stop the source of the release if you can do it without risk. Contain release to prevent further contamination of soil, surface water or groundwater. Clean up spill as soon as possible, observing precautions in Exposure Controls/Personal Protection. Use appropriate techniques such as applying non-combustible absorbent materials or pumping. Where feasible and appropriate, remove contaminated soil. Place contaminated materials in disposable containers and dispose of in a manner consistent with applicable regulations.
Reporting: Report spills to local authorities and/or the U.S. Coast Guard's National Response Center at (800) 424-8802 as appropriate or required.

SECTION 7 HANDLING AND STORAGE

Precautionary Measures: Keep out of the reach of children.
General Handling Information: Avoid contaminating soil or releasing this material into sewage and drainage systems and bodies of water.
Static Hazard: Electrostatic charge may accumulate and create a hazardous condition when handling this material. To minimize this hazard, bonding and grounding may be necessary but may not, by themselves, be sufficient. Review all operations which have the potential of generating an accumulation of electrostatic charge and/or a flammable atmosphere (including tank and container filling, splash filling, tank cleaning, sampling, gauging, switch loading, filtering, mixing, agitation, and vacuum truck operations) and use appropriate mitigating procedures. For more information, refer to OSHA Standard 29 CFR 1910.106, 'Flammable and Combustible Liquids', National Fire Protection Association (NFPA 77, 'Recommended Practice on Static Electricity', and/or the American Petroleum Institute (API) Recommended Practice 2003, 'Protection Against Ignitions Arising Out of Static, Lightning, and Stray Currents'.
Container Warnings: Container is not designed to contain pressure. Do not use pressure to empty container or it may rupture with explosive force. Empty containers retain product residue (solid, liquid, and/or vapor) and can be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks, static electricity, or other sources of ignition. They may explode and cause injury or death. Empty

containers should be completely drained, properly closed, and promptly returned to a drum reconditioner or disposed of properly.

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

GENERAL CONSIDERATIONS:
Consider the potential hazards of this material (see Section 3), applicable exposure limits, job activities, and other substances in the work place when designing engineering controls and selecting personal protective equipment. If engineering controls or work practices are not adequate to prevent exposure to harmful levels of this material, the personal protective equipment listed below is recommended. The user should read and understand all instructions and limitations supplied with the equipment since protection is usually provided for a limited time or under certain circumstances.

ENGINEERING CONTROLS:
Use in a well-ventilated area.

PERSONAL PROTECTIVE EQUIPMENT
Eye/Face Protection: No special eye protection is normally required. Where splashing is possible, wear safety glasses with side shields as a good safety practice.
Skin Protection: No special protective clothing is normally required. Where splashing is possible, select protective clothing depending on operations conducted, physical requirements and other substances in the workplace. Suggested materials for protective gloves include: 4H (PE/EVAL), Nitrile Rubber, Silver Shield, Viton.
Respiratory Protection: No respiratory protection is normally required.
If user operations generate an oil mist, determine if airborne concentrations are below the occupational exposure limit for mineral oil mist. If not, wear an approved respirator that provides adequate protection from the measured concentrations of this material. For air-purifying respirators use a particulate cartridge.
Use a positive pressure air-supplying respirator in circumstances where air-purifying respirators may not provide adequate protection.

Occupational Exposure Limits:

Component	Agency	TWA	STEL	Ceiling	Notation
Non-hazardous additive blend in refined oil	ACGIH	5 mg/m3	10 mg/m3		
Non-hazardous additive blend in refined oil	OSHA Z-1	5 mg/m3			

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Attention: the data below are typical values and do not constitute a specification.

Color: Amber
Physical State: Liquid
Odor: Petroleum odor
pH: NA
Vapor Pressure: <0.01 mmHg @ 100°C (212°F)
Vapor Density (Air = 1): >1
Boiling Point: >315.6°C (600°F)
Solubility: Soluble in hydrocarbons; insoluble in water
Freezing Point: NA
Melting Point: NA
Specific Gravity: 0.87 - 0.88 @ 15.6°C (60.1°F) / 15.6°C (60.1°F)
Viscosity: 11 cSt - 13.5 cSt @ 100°C (212°F) (Min)

SECTION 10 STABILITY AND REACTIVITY

Chemical Stability: This material is considered stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.
Incompatibility With Other Materials: May react with strong oxidizing agents, such as chlorates, nitrates, peroxides, etc.
Hazardous Decomposition Products: None known (None expected)
Hazardous Polymerization: Hazardous polymerization will not occur.

SECTION 11 TOXICOLOGICAL INFORMATION

IMMEDIATE HEALTH EFFECTS
Eye Irritation: The eye irritation hazard is based on evaluation of data for similar materials or product components.
Skin Irritation: The skin irritation hazard is based on evaluation of data for similar materials or product components.
Skin Sensitization: No product toxicology data available.
Acute Dermal Toxicity: The acute dermal toxicity hazard is based on evaluation of data for similar materials or product components.
Acute Oral Toxicity: The acute oral toxicity hazard is based on evaluation of data for similar materials or product components.
Acute Inhalation Toxicity: The acute inhalation toxicity hazard is based on evaluation of data for similar materials or product components.
ADDITIONAL TOXICOLOGY INFORMATION:
This product contains petroleum base oils which may be refined by various processes including severe solvent extraction, severe hydrocracking, or severe hydrotreating. None of the oils requires a cancer warning under the OSHA Hazard Communication Standard (29 CFR 1910.1200). These oils have not been listed in the National Toxicology Program (NTP) Annual Report nor have they been classified by the International Agency for Research on Cancer (IARC) as; carcinogenic to humans (Group 1), probably carcinogenic to humans (Group 2A), or possibly carcinogenic to humans (Group 2B). These oils have not been classified by the American Conference of Governmental Industrial Hygienists (ACGIH) as: confirmed human carcinogen (A1), suspected human carcinogen (A2), or confirmed animal carcinogen with unknown relevance to humans (A3).

During use in engines, contamination of oil with low levels of cancer-causing combustion products occurs. Used motor oils have been shown to cause skin cancer in mice following repeated application and continuous exposure. Brief or intermittent skin contact with used motor oil is not expected to have serious effects in humans if the oil is thoroughly removed by washing with soap and water.

SECTION 12 ECOLOGICAL INFORMATION

ECOTOXICITY
The toxicity of this material to aquatic organisms has not been evaluated. Consequently, this material should be kept out of sewage and drainage systems and all bodies of water.

ENVIRONMENTAL FATE
This material is not expected to be readily biodegradable.

SECTION 13 DISPOSAL CONSIDERATIONS

Oil collection services are available for used oil recycling or disposal. Place contaminated materials in containers and dispose of in a manner consistent with applicable regulations. Contact your sales representative or local environmental or health authorities for approved disposal or recycling methods. (See B.C. Reg. GY/92 Waste Management Act; R.R.O. 1990, Reg. 347 General-Waste Management; C.C.SM.c. W40 The Waste Reduction and Prevention Act; N.S. Reg. 51/95 and N.S. Reg. 179/96 for examples of Provincial legislation.)

SECTION 14 TRANSPORT INFORMATION

The description shown may not apply to all shipping situations. Consult 49CFR, or appropriate Dangerous Goods Regulations, for additional description requirements (e.g., technical name) and mode-specific or quantity-specific shipping requirements.
DOT Shipping Name: NOT REGULATED AS A HAZARDOUS MATERIAL FOR TRANSPORTATION UNDER 49

CFR
DOT Hazard Class: NOT APPLICABLE
DOT Identification Number: NOT APPLICABLE
DOT Packing Group: NOT APPLICABLE
Additional Information: NOT HAZARDOUS BY U.S. DOT. ADR/RID HAZARD CLASS NOT APPLICABLE.

IMO/IMDG Shipping Name: NOT REGULATED AS DANGEROUS GOODS FOR TRANSPORTATION UNDER THE IMDG CODE
IMO/IMDG Hazard Class: NOT APPLICABLE
IMO/IMDG Identification Number: NOT APPLICABLE
IMO/IMDG Packing Group: NOT APPLICABLE

SECTION 15 REGULATORY INFORMATION

EPCRA 311/312 CATEGORIES: 1. Immediate (Acute) Health Effects: NO
2. Delayed (Chronic) Health Effects: NO
3. Fire Hazard: NO
4. Sudden Release of Pressure Hazard: NO
5. Reactivity Hazard: NO

REGULATORY LISTS SEARCHED:

01-1=IARC Group 1	03=EPCRA 313
01-2A=IARC Group 2A	04=CA Proposition 65
01-2B=IARC Group 2B	05=MA RTK
02=NTP Carcinogen	06=NJ RTK
	07=DOT Marine Pollutant
	08=PA RTK

No components of this material were found on the regulatory lists above.

CHEMICAL INVENTORIES:
AUSTRALIA: All the components of this material are listed on the Australian Inventory of Chemical Substances (AICS).
CANADA: All the components of this material are on the Canadian DSL or have been notified under the New Substance Notification Regulations, but have not yet been published in the Canada Gazette.
EUROPEAN UNION: All the components of this material are in compliance with the EU Seventh Amendment Directive 92/32/EEC.
JAPAN: All the components of this product are on the Existing & New Chemical Substances (ENCS) inventory in Japan, or have an exemption from listing.
KOREA: All the components of this product are on the Existing Chemicals List (ECL) in Korea.
PHILIPPINES: All the components of this product are listed on the Philippine Inventory of Chemicals and Chemical Substances (PICCS).
UNITED STATES: All of the components of this material are on the Toxic Substances Control Act (TSCA) Chemical Inventory.

NEW JERSEY RTK CLASSIFICATION:
Under the New Jersey Right-to-Know Act L. 1983 Chapter 315 N.J.S.A. 34:5A-1 et. seq., the product is to be identified as follows: PETROLEUM OIL (Motor oil)

WHMIS CLASSIFICATION:
This product is not considered a controlled product according to the criteria of the Canadian Controlled Products Regulations.

SECTION 16 OTHER INFORMATION

NFPA RATINGS: Health: 0 Flammability: 1 Reactivity: 0
HMIS RATINGS: Health: 1 Flammability: 1 Reactivity: 0

(0-Least, 1-Slight, 2-Moderate, 3-High, 4-Extreme, PPE:- Personal Protection Equipment Index recommendation, *- Chronic Effect Indicator). These values are obtained using the guidelines or published evaluations prepared by the National Fire Protection Association (NFPA) or the National Paint and Coating Association (for HMIS ratings).

REVISION STATEMENT: This revision updates the following sections of this Material Safety Data Sheet: 1-16

ABBREVIATIONS THAT MAY HAVE BEEN USED IN THIS DOCUMENT:

TLV	-	Threshold Limit Value	TWA	-	Time Weighted Average
STEL	-	Short-term Exposure Limit	PEL	-	Permissible Exposure Limit
CVX	-	ChevronTexaco	CAS	-	Chemical Abstract Service Number
NDA	-	No Data Available	NA	-	Not Applicable
<=	-	Less Than or Equal To	>=	-	Greater Than or Equal To

Prepared according to the OSHA Hazard Communication Standard (29 CFR 1910.1200) and the ANSI MSDS Standard (Z400.1) by the ChevronTexaco Energy Research & Technology Company, 100 Chevron Way, Richmond, California 94802.

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-138
Revised March 17, 1999

Submit Original
Plus 1 Copy
to Appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☐ Non-Exempt: ☒ Verbal Approval Received: Yes ☒ No ☐ Per Denny Foust and Ed Martin on 2/3/05	4. Generator: The Hanover Company
	5. Originating Site: La Cosa Compressor
2. Management Facility Destination: Envirotech Soil Remediation Facility, Landfarm #2	6. Transporter: Envirotech
3. Address of Facility Operator: 5796 U.S. Highway 64, Farmington, NM 87401	8. State: New Mexico
7. Location of Material (Street Address or ULSTR) T29N, R11W, Sec 34, San Juan County	Project #99043-015

9. Circle One:

A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job.

B. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved

All transporters must certify the wastes delivered are only those consigned for transport.

BRIEF DESCRIPTION OF MATERIAL:

Accept contaminated soil from a spill, which resulted from a tank over turning in the bed of a pickup and spilled cleaning solution onto the ground. 35 gallons of Safety-Kleen Premium solvent spilled.

CWS, Analytical, and MSDS attached.

Estimated Volume 7-10 cy Known Volume (to be entered by the operator at the end of the haul) _____ cy

SIGNATURE [signature] TITLE: Landfarm Manager DATE: February 3, 2005
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: Brandon Powell TELEPHONE NO: (505) 632-0615

(This space for State Use)

APPROVED BY: _____ TITLE: _____ DATE: _____

APPROVED BY: Ed Martin TITLE: ENVIRO. ENGR. DATE: 3-14-05

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
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REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☐ Non-Exempt: ☒ Verbal Approval Received: Yes ☒ No ☐ Per Denny Foust and Ed Martin on 2/3/05	4. Generator: The Hanover Company 5. Originating Site: La Cosa Compressor
2. Management Facility Destination: Envirotech Soil Remediation Facility, Landfarm #2	6. Transporter: Envirotech
3. Address of Facility Operator: 5796 U.S. Highway 64, Farmington, NM 87401	8. State: New Mexico
7. Location of Material (Street Address or ULSTR) T29N, R11W, Sec 34, San Juan County	Project #99043-015

9. Circle One:

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Accept contaminated soil from a spill, which resulted from a tank over turning in the bed of a pickup and spilled cleaning solution onto the ground. 35 gallons of Safety-Kleen Premium solvent spilled.

CWS, Analytical, and MSDS attached.

Estimated Volume 7-10 cy Known Volume (to be entered by the operator at the end of the haul) _____ cy

SIGNATURE _____ TITLE: Landfarm Manager DATE: February 3, 2005
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: Brandon Powell TELEPHONE NO: (505) 632-0615

(This space for State Use)

APPROVED BY: _____ TITLE: Envir/Engr DATE: 2/09/05

APPROVED BY: _____ TITLE: _____ DATE: _____

NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON
Governor
Joanna Prukop
Cabinet Secretary

Lori Wrotenbery
Director
Oil Conservation Division

FEB 2005

CERTIFICATE OF WASTE STATUS

1. Generator Name and Address	2. Destination Name:
Hanover Compression 1280 Troy King Rd. Farmington NM 87401	Envirotech Inc. Soil Remediation Facility Landfarm #2 Hilltop, New Mexico
3. Originating Site (name): La Cosa Compressor attach list of originating sites as appropriate	Location of the Waste (Street address &/or ULSTR): Sec. , T N, R W Sec 34 T-29-N R-11-W
4. Source and Description of Waste Tank overturned in the bed of a truck then spilled onto ground contaminating soil. 35 gallons of Safetykleen Premium Solvent. Appox. 7-10 yards of soil.	

I, Mike Balcar representative for :
Print Name

Hanover do hereby certify that, according to the Resource Conservation and Recovery Act (RCRA) and Environmental Protection Agency's July, 1988, regulatory determination, the above described waste is: (Check appropriate classification)

___ EXEMPT oilfield waste

__XX__ NON-EXEMPT oilfield waste which is non-hazardous by characteristic analysis or by product identification

and that nothing has been added to the exempt or non-exempt non-hazardous waste defined above.

For NON-EXEMPT waste the following documentation is attached (check appropriate items):

- ✓ MSDS Information
- ___ RCRA Hazardous Waste Analysis
- ___ Chain of Custody
- ___ Other (description

This waste is in compliance with Regulated Levels of Naturally Occurring Radioactive Material (NORM) pursuant to 20 NMAC 3.1 subpart 1403.C and D.

Name (Original Signature): Mike Balcar

Title: Area Manager

Phone Number: (505) 566-5212

Date: Feb. 02, 2005

CHAIN OF CUSTODY RECORD

13580

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
Hanover	Landfarm	
Sampler: BPowell	Client No. 99043-015	

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	Method 8260 VOLs						Remarks
#1	2-3-05	14:00	32059	Soil	1	✓						

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Bob Rek	2-3-05	14:45	Mistie M Walters	2/3/05	1445
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

ENVIROTECH INC.

5796 U.S. Highway 64
Farmington, New Mexico 87401
(505) 632-0615

Sample Receipt	Y	N	N/A
Received Intact	✓		
Cool - Ice/Blue Ice	✓		

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8260B
Volatile Organic Compounds by GC/MS

Client:	Hanover	Project #:	99043-015
Sample ID:	#1	Date Reported:	02-08-05
Chain of Custody:	13580	Date Sampled:	02-03-05
Laboratory Number:	32059	Date Received:	02-03-05
Sample Matrix:	Soil	Date Analyzed:	02-08-05
Preservative:	Cool	Date Extracted:	02-07-05
Condition:	Cool and Intact	Analysis Requested:	8260 VOC

Parameter	Concentration	Units	Det. Limit	Dilution Factor
Benzene	ND	(ug/Kg)	1.0	1
Toluene	ND	(ug/Kg)	1.0	1
Ethylbenzene	ND	(ug/Kg)	1.0	1
Xylenes, Total	ND	(ug/Kg)	1.0	1
Methyl tert-butyl ether (MTBE)	ND	(ug/Kg)	1.0	1
1,2,4-Trimethylbenzene	10.5	(ug/Kg)	1.0	1
1,3,5-Trimethylbenzene	2.52	(ug/Kg)	1.0	1
1,2-Dichloroethane (EDC)	ND	(ug/Kg)	1.0	1
1,2-Dibromoethane (EDB)	ND	(ug/Kg)	1.0	1
Naphthalene	2.38	(ug/Kg)	1.0	1
1-Methylnaphthalene	4.05	(ug/Kg)	2.0	1
2-Methylnaphthalene	3.72	(ug/Kg)	2.0	1
Bromobenzene	ND	(ug/Kg)	1.0	1
Bromochloromethane	ND	(ug/Kg)	1.0	1
Bromodichloromethane	ND	(ug/Kg)	1.0	1
Bromoform	ND	(ug/Kg)	1.0	1
Bromomethane	ND	(ug/Kg)	1.0	1
Carbon Tetrachloride	ND	(ug/Kg)	1.0	1
Chlorobenzene	ND	(ug/Kg)	1.0	1
Chloroethane	ND	(ug/Kg)	2.0	1
Chloroform	ND	(ug/Kg)	1.0	1
Chloromethane	ND	(ug/Kg)	1.0	1
2-Chlorotoluene	ND	(ug/Kg)	1.0	1
4-Chlorotoluene	ND	(ug/Kg)	1.0	1
cis-1,2-Dichloroethene	ND	(ug/Kg)	1.0	1
cis-1,3-Dichloropropene	ND	(ug/Kg)	1.0	1
1,2-Dibromo-3-chloropropane	ND	(ug/Kg)	2.0	1
Dibromochloromethane	ND	(ug/Kg)	1.0	1
Dibromoethane	ND	(ug/Kg)	2.0	1
1,2-Dichlorobenzene	ND	(ug/Kg)	1.0	1
1,3-Dichlorobenzene	ND	(ug/Kg)	1.0	1
1,4-Dichlorobenzene	ND	(ug/Kg)	1.0	1
Dichlorodifluoromethane	ND	(ug/Kg)	1.0	1
1,1-Dichloroethane	ND	(ug/Kg)	1.0	1
1,1-Dichloroethene	ND	(ug/Kg)	1.0	1
1,2-Dichloropropane	ND	(ug/Kg)	1.0	1
1,3-Dichloropropane	ND	(ug/Kg)	1.0	1
2,2-Dichloropropane	ND	(ug/Kg)	1.0	1

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8260B
Volatile Organic Compounds by GC/MS

Client: Hanover
Sample ID: #1
Laboratory Number: 32059

Parameter	Concentration (ug/Kg)	Units	Det. Limit	Dilution Factor
1,1-Dichloropropene	ND	(ug/Kg)	1.0	1
Hexachlorobutadiene	ND	(ug/Kg)	1.0	1
Isopropylbenzene	ND	(ug/Kg)	1.0	1
4-Isopropyltoluene	1.82	(ug/Kg)	1.0	1
Methylene Chloride	ND	(ug/Kg)	3.0	1
n-Butylbenzene	5.86	(ug/Kg)	1.0	1
n-Propylbenzene	ND	(ug/Kg)	1.0	1
sec-Butylbenzene	2.41	(ug/Kg)	1.0	1
Styrene	ND	(ug/Kg)	1.0	1
tert-Butylbenzene	3.09	(ug/Kg)	1.0	1
Tetrachloroethene (PCE)	ND	(ug/Kg)	1.0	1
1,1,1,2-Tetrachloroethane	ND	(ug/Kg)	1.0	1
1,1,2,2-Tetrachloroethane	ND	(ug/Kg)	1.0	1
trans-1,2-Dichloroethene	ND	(ug/Kg)	1.0	1
trans-1,3-Dichloropropene	ND	(ug/Kg)	1.0	1
Trichloroethene (TCE)	ND	(ug/Kg)	1.0	1
Trichlorofluoromethane	ND	(ug/Kg)	1.0	1
1,2,3-Trichlorobenzene	ND	(ug/Kg)	1.0	1
1,2,4-Trichlorobenzene	ND	(ug/Kg)	1.0	1
1,1,1-Trichloroethane	ND	(ug/Kg)	1.0	1
1,1,2-Trichloroethane	ND	(ug/Kg)	1.0	1
1,2,3-Trichloropropane	ND	(ug/Kg)	2.0	1
Vinyl Chloride	ND	(ug/Kg)	2.0	1

Surrogates:			Rec. Limits	
Dibromofluoromethane	99.4	% Recovery	78.6-115	1
1,2-Dichloroethane-d4	99.6	% Recovery	74.6-123	1
Toluene-d8	98.1	% Recovery	84.2-115	1
4-Bromofluorobenzene	97.3	% Recovery	78.6-115	1

ND = Parameter not detected at the stated detection limit.

References: Method 5030, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.
Method 8260,Volatile Organic Compounds by Gas Chromatography / Mass Spectrometry,Test Methods for Evaluating Solid Waste,SW-846, USEPA, July 1992

Comments: **Landfarm.**

Analyst

Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

QUALITY ASSURANCE / QUALITY CONTROL

DOCUMENTATION

5796 U.S. Highway 64 • Farmington, NM 87401 • Tel 505 • 632 • 0615 • Fax 505 • 632 • 1865

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8260B
Volatile Organic Compounds by GC/MS
Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	Laboratory Blank	Date Reported:	02-08-05
Laboratory Number:	02-08 VOA	Date Sampled:	N/A
Sample Matrix:	Water	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	02-08-05
Condition:	N/A	Analysis Requested:	8260 VOC

Parameter	Concentration (ug/L)	Units	Det. Limit	Dilution Factor
Benzene	ND	(ug/L)	1.0	1
Toluene	ND	(ug/L)	1.0	1
Ethylbenzene	ND	(ug/L)	1.0	1
Xylenes, Total	ND	(ug/L)	1.0	1
Methyl tert-butyl ether (MTBE)	ND	(ug/L)	1.0	1
1,2,4-Trimethylbenzene	ND	(ug/L)	1.0	1
1,3,5-Trimethylbenzene	ND	(ug/L)	1.0	1
1,2-Dichloroethane (EDC)	ND	(ug/L)	1.0	1
1,2-Dibromoethane (EDB)	ND	(ug/L)	1.0	1
Naphthalene	ND	(ug/L)	1.0	1
1-Methylnaphthalene	ND	(ug/L)	2.0	1
2-Methylnaphthalene	ND	(ug/L)	2.0	1
Bromobenzene	ND	(ug/L)	1.0	1
Bromochloromethane	ND	(ug/L)	1.0	1
Bromodichloromethane	ND	(ug/L)	1.0	1
Bromoform	ND	(ug/L)	1.0	1
Bromomethane	ND	(ug/L)	1.0	1
Carbon Tetrachloride	ND	(ug/L)	1.0	1
Chlorobenzene	ND	(ug/L)	1.0	1
Chloroethane	ND	(ug/L)	2.0	1
Chloroform	ND	(ug/L)	1.0	1
Chloromethane	ND	(ug/L)	1.0	1
2-Chlorotoluene	ND	(ug/L)	1.0	1
4-Chlorotoluene	ND	(ug/L)	1.0	1
cis-1,2-Dichloroethene	ND	(ug/L)	1.0	1
cis-1,3-Dichloropropene	ND	(ug/L)	1.0	1
1,2-Dibromo-3-chloropropane	ND	(ug/L)	2.0	1
Dibromochloromethane	ND	(ug/L)	1.0	1
Dibromoethane	ND	(ug/L)	2.0	1
1,2-Dichlorobenzene	ND	(ug/L)	1.0	1
1,3-Dichlorobenzene	ND	(ug/L)	1.0	1
1,4-Dichlorobenzene	ND	(ug/L)	1.0	1
Dichlorodifluoromethane	ND	(ug/L)	1.0	1
1,1-Dichloroethane	ND	(ug/L)	1.0	1
1,1-Dichloroethene	ND	(ug/L)	1.0	1
1,2-Dichloropropane	ND	(ug/L)	1.0	1
1,3-Dichloropropane	ND	(ug/L)	1.0	1
2,2-Dichloropropane	ND	(ug/L)	1.0	1

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8260B
Volatile Organic Compounds by GC/MS
Quality Assurance Report

Client: QA/QC
Sample ID: Laboratory Blank
Laboratory Number: 02-08 VOA

Parameter	Concentration (ug/L)	Units	Det. Limit	Dilution Factor
1,1-Dichloropropene	ND	(ug/L)	1.0	1
Hexachlorobutadiene	ND	(ug/L)	1.0	1
Isopropylbenzene	ND	(ug/L)	1.0	1
4-Isopropyltoluene	ND	(ug/L)	1.0	1
Methylene Chloride	ND	(ug/L)	1.0	1
n-Butylbenzene	ND	(ug/L)	1.0	1
n-Propylbenzene	ND	(ug/L)	1.0	1
sec-Butylbenzene	ND	(ug/L)	1.0	1
Styrene	ND	(ug/L)	1.0	1
tert-Butylbenzene	ND	(ug/L)	1.0	1
Tetrachloroethene (PCE)	ND	(ug/L)	1.0	1
1,1,1,2-Tetrachloroethane	ND	(ug/L)	1.0	1
1,1,2,2-Tetrachloroethane	ND	(ug/L)	1.0	1
trans-1,2-Dichloroethene	ND	(ug/L)	1.0	1
trans-1,3-Dichloropropene	ND	(ug/L)	1.0	1
Trichloroethene (TCE)	ND	(ug/L)	1.0	1
Trichlorofluoromethane	ND	(ug/L)	1.0	1
1,2,3-Trichlorobenzene	ND	(ug/L)	1.0	1
1,2,4-Trichlorobenzene	ND	(ug/L)	1.0	1
1,1,1-Trichloroethane	ND	(ug/L)	1.0	1
1,1,2-Trichloroethane	ND	(ug/L)	1.0	1
1,2,3-Trichloropropane	ND	(ug/L)	2.0	1
Vinyl Chloride	ND	(ug/L)	2.0	1

Surrogates:			Rec. Limits	
Dibromofluoromethane	98.4	% Recovery	78.6-115	1
1,2-Dichloroethane-d4	98.6	% Recovery	74.6-123	1
Toluene-d8	99.6	% Recovery	84.2-115	1
4-Bromofluorobenzene	97.9	% Recovery	78.6-115	1

ND = Parameter not detected at the stated detection limit.

References: Method 5030, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.
Method 8260,Volatile Organic Compounds by Gas Chromatography / Mass Spectrometry,Test Methods for Evaluating Solid Waste,SW-846, USEPA, July 1992

Comments: **QA/QC for samples 32059, 32099 - 32104.**

Analyst

Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8260B
Volatile Organic Compounds by GC/MS
Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	Matrix Spikes	Date Reported:	02-08-05
Laboratory Number:	02-08-VOA - 32059	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	02-08-05
Condition:	N/A	Analysis Requested:	8260 VOC

Spike	Units: ug/Kg				Recovery	Det.
Analyte	Sample	Added	Result	%Recovery	Limits	Limit
Benzene	ND	100.0	99.9	99.9%	85.3 - 120	1.0
Toluene	ND	100.0	99.9	99.9%	73 - 123	1.0
Chlorobenzene	ND	100.0	99.9	99.9%	84.7 - 119	1.0
1,1-Dichloroethene	ND	100.0	99.8	99.8%	83.4 - 122	1.0
Trichloroethene (TCE)	ND	100.0	99.9	99.9%	76.1 - 126	1.0

Spike Duplicate	Units: ug/Kg				Recovery	Det.
Analyte	Sample	Added	Result	%Recovery	Limits	Limit
Benzene	ND	100.0	100.0	100.0%	85.3 - 120	1.0
Toluene	ND	100.0	99.9	99.9%	73 - 123	1.0
Chlorobenzene	ND	100.0	99.9	99.9%	84.7 - 119	1.0
1,1-Dichloroethene	ND	100.0	99.9	99.9%	83.4 - 122	1.0
Trichloroethene (TCE)	ND	100.0	99.9	99.9%	76.1 - 126	1.0

ND = Parameter not detected at the stated detection limit.

References: Method 5030, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.
Method 8260,Volatile Organic Compounds by Gas Chromatography / Mass Spectrometry,Test Methods for Evaluating Solid Waste,SW-846, USEPA, July 1992

Comments: **QA/QC for samples 32059, 32103 - 32104.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8260B
Volatile Organic Compounds by GC/MS
Daily Calibration Report

Client:	QA/QC	Project #:	N/A
Sample ID:	Daily Calibration	Date Reported:	02-08-05
Laboratory Number:	02-08-VOA	Date Sampled:	N/A
Sample Matrix:	Water	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	02-08-05
Condition:	N/A	Analysis Requested:	8260 VOC

Parameter	Concentration (ug/L)	Result	% Recoverd	% Recovery Limits
Benzene	100	99.9	99.9	80 - 120
Toluene	100	99.9	99.9	80 - 120
Ethylbenzene	100	99.9	99.9	80 - 120
Xylenes, Total	100	99.9	99.9	80 - 120
Methyl tert-butyl ether (MTBE)	100	99.9	99.9	80 - 120
1,2,4-Trimethylbenzene	100	99.9	99.9	80 - 120
1,3,5-Trimethylbenzene	100	99.8	99.8	80 - 120
1,2-Dichloroethane (EDC)	100	99.9	99.9	80 - 120
1,2-Dibromoethane (EDB)	100	99.9	99.9	80 - 120
Naphthalene	100	99.9	99.9	80 - 120
1-Methylnaphthalene	100	99.7	99.7	80 - 120
2-Methylnaphthalene	100	99.9	99.9	80 - 120
Bromobenzene	100	99.8	99.8	80 - 120
Bromochloromethane	100	99.7	99.7	80 - 120
Bromodichloromethane	100	99.8	99.8	80 - 120
Bromoform	100	99.8	99.8	80 - 120
Bromomethane	100	99.8	99.8	80 - 120
Carbon Tetrachloride	100	99.9	99.9	80 - 120
Chlorobenzene	100	99.8	99.8	80 - 120
Chloroethane	100	99.9	99.9	80 - 120
Chloroform	100	99.8	99.8	80 - 120
Chloromethane	100	99.7	99.7	80 - 120
2-Chlorotoluene	100	99.6	99.6	80 - 120
4-Chlorotoluene	100	99.8	99.8	80 - 120
cis-1,2-Dichloroethene	100	99.7	99.7	80 - 120
cis-1,3-Dichloropropene	100	99.2	99.2	80 - 120
1,2-Dibromo-3-chloropropane	100	99.8	99.8	80 - 120
Dibromochloromethane	100	99.5	99.5	80 - 120
Dibromoethane	100	99.8	99.8	80 - 120
1,2-Dichlorobenzene	100	99.9	99.9	80 - 120
1,3-Dichlorobenzene	100	99.6	99.6	80 - 120
1,4-Dichlorobenzene	100	99.8	99.8	80 - 120
Dichlorodifluoromethane	100	99.8	99.8	80 - 120
1,1-Dichloroethane	100	99.6	99.6	80 - 120
1,1-Dichloroethene	100	99.8	99.8	80 - 120
1,2-Dichloropropane	100	99.6	99.6	80 - 120
1,3-Dichloropropane	100	99.6	99.6	80 - 120
2,2-Dichloropropane	100	99.3	99.3	80 - 120

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ENVIRO-TECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8260B
Volatile Organic Compounds by GC/MS
Quality Assurance Report

Client: QA/QC
Sample ID: Daily Calibration
Laboratory Number: 02-08-VOA

Parameter	Concentration (ug/L)	Result	% Recoverd	% Recovery Limits
1,1-Dichloropropene	100	99.4	99.4	80 - 120
Hexachlorobutadiene	100	99.6	99.6	80 - 120
Isopropylbenzene	100	99.9	99.9	80 - 120
4-Isopropyltoluene	100	99.4	99.4	80 - 120
Methylene Chloride	100	99.5	99.5	80 - 120
n-Butylbenzene	100	99.3	99.3	80 - 120
n-Propylbenzene	100	99.9	99.9	80 - 120
sec-Butylbenzene	100	99.4	99.4	80 - 120
Styrene	100	98.9	98.9	80 - 120
tert-Butylbenzene	100	99.8	99.8	80 - 120
Tetrachloroethene (PCE)	100	99.6	99.6	80 - 120
1,1,1,2-Tetrachloroethane	100	99.8	99.8	80 - 120
1,1,2,2-Tetrachloroethane	100	98.9	98.9	80 - 120
trans-1,2-Dichloroethene	100	99.9	99.9	80 - 120
trans-1,3-Dichloropropene	100	99.8	99.8	80 - 120
Trichloroethene (TCE)	100	99.8	99.8	80 - 120
Trichlorofluoromethane	100	99.9	99.9	80 - 120
1,2,3-Trichlorobenzene	100	99.6	99.6	80 - 120
1,2,4-Trichlorobenzene	100	99.3	99.3	80 - 120
1,1,1-Trichloroethane	100	99.5	99.5	80 - 120
1,1,2-Trichloroethane	100	99.7	99.7	80 - 120
1,2,3-Trichloropropane	100	99.5	99.5	80 - 120
Vinyl Chloride	100	99.3	99.3	80 - 120

Surrogates:			Rec. Limits
Dibromofluoromethane	99.3	% Recovery	78.6-115
1,2-Dichloroethane-d4	98.3	% Recovery	74.6-123
Toluene-d8	98.3	% Recovery	84.2-115
4-Bromofluorobenzene	97.4	% Recovery	78.6-115

ND = Parameter not detected at the stated detection limit.

References: Method 5030, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.
Method 8260,Volatile Organic Compounds by Gas Chromatography / Mass Spectrometry,Test Methods for Evaluating Solid Waste,SW-846, USEPA, July 1992

Comments: **QA/QC for samples 32059, 32099 - 32104.**

Analyst

Review

SAFETY-KLEEN PREMIUM SOLVENT
SAFETY-KLEEN PREMIUM GOLD SOLVENT

MATERIAL SAFETY DATA SHEET FOR USA AND CANADA

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: SAFETY-KLEEN PREMIUM SOLVENT
SAFETY-KLEEN PREMIUM GOLD SOLVENT

SYNONYMS: Parts Washer Solvent; Petroleum Distillates; Petroleum Naptha; Naptha, Solvent; Stoddard Solvent; Mineral Spirits.

PRODUCT PART NUMBERS: 6605, 6638.

PRODUCT USE: Cleaning and degreasing metal parts.
If these products are used in combination with other products, refer to the Material Safety Data Sheets for those products.

These numbers are for emergency use only. If you desire non-emergency product information, please call a phone number listed below.	24-HOUR EMERGENCY PHONE NUMBERS MEDICAL:	 TRANSPORTATION (SPILL):
	1-800-752-7869	1-800-468-1760

SUPPLIER: Safety-Kleen Corp.
5400 Legacy Drive
Cluster II, Building 3
Plano, Texas 75024
USA
1-800-669-5740

TECHNICAL INFORMATION: 1-800-669-5740, Press 1 then Extension 7500

MSDS FORM NUMBER: 82658 (Also formerly known as 82529) **ISSUE:** December 12, 2002

ORIGINAL ISSUE: January 26, 1995 (Also formerly January 7, 1993) **SUPERSEDES:** March 24, 2000

PREPARED BY: Product MSDS Coordinator **APPROVED BY:** MSDS Task Force

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

				OSHA PEL		ACGIH TLV®			
WT%	NAME	SYNONYM	CAS NO.	TWA	STEL	TWA	STEL	LD[a]	LC[b]
100	Distillates (petroleum), hydrotreated light[e]	N.Av.	64742-47-8	500[d] ppm	N.Av.	100[d] ppm	N.Av.	>5000[c]	>5500[d] mg/m^3/4 hours

N.Av. = Not Available
[a]Oral-Rat LD (mg/kg)
[b]Inhalation-Rat LC
[c]Based on Stoddard solvent: Skin-Rabbit LD_{50} >3000 mg/kg
[d]Based on Stoddard Solvent.
[e]Based on Stoddard Solvent, NIOSH IDLH (Immediately Dangerous to Life or Health): 20000 mg/m^3 (5000 ppm)

SECTION 3: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

APPEARANCE
Liquid, clear, colorless to pale yellow, mild hydrocarbon odor.

WARNING!

PHYSICAL HAZARD
Combustible liquid and vapor.

HEALTH HAZARDS
May be harmful if inhaled.
May irritate eyes and skin.
May be harmful if swallowed.
Contains material which may cause central nervous system damage.

ENVIRONMENTAL HAZARDS
Not toxic to aquatic life.

POTENTIAL HEALTH EFFECTS

INHALATION (BREATHING): High concentrations of vapor or mist may be harmful if inhaled. High concentrations of vapor or mist may irritate the respiratory tract (nose, throat, and lungs). High concentrations of vapor or mist may cause nausea, vomiting, headaches, dizziness, loss of coordination, numbness, and other central nervous system effects. Massive acute overexposure may cause rapid central nervous system depression, sudden collapse, coma, and/or death.

EYES: May cause irritation with watering, stinging, and/or redness.

SKIN: May cause irritation. Not likely to be absorbed through the skin in harmful amounts.

INGESTION (SWALLOWING): May be harmful if swallowed. May cause throat irritation, nausea, vomiting, and central nervous system effects as noted under **INHALATION (BREATHING)**. Breathing product into the lungs during ingestion or vomiting may cause lung injury and possible death.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Individuals with pre-existing respiratory tract (nose, throat, and lungs), central nervous system, eye, and/or skin disorders may have increased susceptibility to the effects of exposure.

CHRONIC: Prolonged or repeated inhalation may cause toxic effects as noted under **INHALATION (BREATHING)**. Prolonged or repeated inhalation and/or ingestion has been suggested to produce kidney toxicity in dogs but in no other species, including humans. According to one unsubstantiated human case report, prolonged or repeated inhalation, skin contact, and/or ingestion may cause mild, acute chemical hepatitis and acute, yellow atrophy (size reduction) of the liver. Prolonged or repeated eye contact may cause inflammation of the membrane lining the eyelids and covering the eyeball (conjunctivitis). Prolonged or repeated skin contact may cause drying, cracking, redness, itching, and/or swelling (dermatitis); and/or burns.

CANCER INFORMATION: No known carcinogenicity. For more information, see **SECTION 11: CARCINOGENICITY**.

Also see **SECTION 15: CALIFORNIA.**

POTENTIAL ENVIRONMENTAL EFFECTS
Product is not toxic to aquatic life. Also see **SECTION 12: ECOLOGICAL INFORMATION.**

SECTION 4: FIRST AID MEASURES

INHALATION: (BREATHING) Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Oxygen should only be administered by qualified personnel. Someone should stay with victim. Get medical attention if breathing difficulty persists.

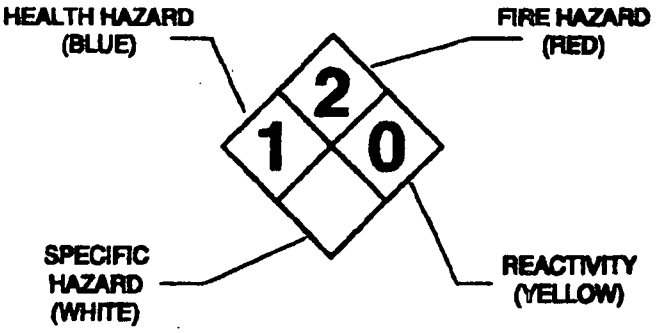
EYES: If irritation or redness from exposure to vapor develops, move away from exposure into fresh air. Upon contact, immediately flush eyes with plenty of lukewarm water, holding eyelids apart, for 15 minutes. Get medical attention.

SKIN: Remove affected clothing and shoes. Wash skin thoroughly with soap and water. Get medical attention if irritation or pain develops or persists.

INGESTION: (SWALLOWING)	Do NOT induce vomiting. Immediately get medical attention. Call 1-800-752-7869 for additional information. If spontaneous vomiting occurs, keep head below hips to avoid breathing the product into the lungs. Never give anything to an unconscious person by mouth.
NOTE TO PHYSICIANS:	Treat symptomatically and supportively. Administration of gastric lavage, if warranted, should be performed by qualified medical personnel. Treatment may vary with condition of victim and specifics of incident. Call 1-800-752-7869 for additional information.

SECTION 5: FIRE FIGHTING MEASURES

FLASH POINT:	148°F (64°C) (approximately) Tag Closed Cup
FLAMMABLE LIMITS IN AIR:	**LOWER:** 0.7 VOL% (minimum) **UPPER:** 5 VOL% (maximum)
AUTOIGNITION TEMPERATURE:	410°F (210°C) (minimum)
HAZARDOUS COMBUSTION PRODUCTS:	Decomposition and combustion materials may be toxic. Burning may produce carbon monoxide and unidentified organic compounds.
CONDITIONS OF FLAMMABILITY:	Heat, sparks, or flame.
EXTINGUISHING MEDIA:	Carbon dioxide, regular foam, dry chemical, water spray, or water fog.
NFPA 704 HAZARD IDENTIFICATION:	This information is intended solely for the use by individuals trained in this system.



FIRE FIGHTING INSTRUCTIONS:	Keep storage containers cool with water spray. A positive-pressure, self-contained breathing apparatus (SCBA) and full-body protective equipment are required for fire emergencies.
FIRE AND EXPLOSION HAZARDS:	Vapor explosion hazard indoors, outdoors, or in sewers. Vapors may travel to ignition source and flashback. Vapors will spread along the ground and collect in low or confined areas. Run-off to sewer may create a fire hazard. Heated containers may rupture. "Empty" containers may retain residue and can be dangerous. Not sensitive to mechanical impact. Product may be sensitive to static discharge, which could result in fire or explosion.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Remove all ignition sources. Do not touch or walk through spilled product. Stop leak if you can do it without risk. Wear protective equipment and provide engineering controls as specified in **SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION.** Isolate hazard area. Keep unnecessary and unprotected personnel from entering. Ventilate area and avoid breathing vapor or mist. A vapor suppressing foam may be used to reduce vapors. Contain spill away from surface waters and sewers. Contain spill as a liquid for possible recovery or sorb with compatible sorbent material and shovel with a clean, sparkproof tool into a sealable container for disposal.

Additionally, for large spills: Water spray may reduce vapor, but may not prevent ignition in closed spaces. Dike far ahead of liquid spill for collection and later disposal.

SECTION 7: HANDLING AND STORAGE

HANDLING:	Keep away from heat, sparks, or flame. Where flammable mixtures may be present, equipment safe for such locations should be used. Use clean, sparkproof tools and explosion-proof equipment. When transferring product, metal containers, including trucks and tank cars, should be grounded and bonded. Do not breathe vapor or mist. Use in a well ventilated area. Avoid contact with eyes, skin, clothing, and shoes. Do not smoke while using these products.
SHIPPING AND STORING:	Keep container tightly closed when not in use and during transport. Do not pressurize, cut, weld, braze, solder, drill, or grind containers. Keep containers away from heat, flame, sparks, static electricity, or other sources of ignition. Empty product containers may retain product residue and can be dangerous. See **SECTION 14: TRANSPORT INFORMATION** for Packing Group information.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: Provide general ventilation needed to maintain concentration of vapor or mist below applicable exposure limits. Where adequate general ventilation is unavailable, use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Where explosive mixtures may be present, equipment safe for such locations should be used.

PERSONAL PROTECTIVE EQUIPMENT

RESPIRATORY PROTECTION: Use NIOSH-certified, air-purifying respirators with organic vapor cartridges respiratory protective equipment when concentration of vapor or mist exceeds applicable exposure limits. Protection provided by air-purifying respirators is limited. Selection and use of respiratory protective equipment should be in accordance in the USA with OSHA General Industry Standard 29 CFR 1910.134; or in Canada with CSA Standard Z94.4.

EYE PROTECTION: Where eye contact is likely, wear chemical goggles; contact lens use is not recommended.

SKIN PROTECTION: Where skin contact is likely, wear nitrile, supported neoprene, Viton®, polyvinyl alcohol (PVA), laminate (such as North Silver Shield®, Safety 4 4h®, Ansell Edmont Barrier®), or equivalent protective gloves; use of polyvinyl chloride (PVC), natural rubber (latex), or equivalent gloves is not recommended.

To avoid prolonged or repeated contact where spills and splashes are likely, wear appropriate chemical-resistant faceshield, boots, apron, whole body suits, or other protective clothing.

PERSONAL HYGIENE: Use good personal hygiene. Wash thoroughly with soap and water after handling product and before eating, drinking, or using tobacco products. Clean affected clothing, shoes, and protective equipment before reuse. Discard affected clothing, shoes, or protective equipment if they cannot be thoroughly cleaned. Discard leather articles, such as shoes, saturated with the product.

OTHER PROTECTIVE EQUIPMENT: Where spills and splashes are likely, facilities storing or using this product should be equipped with an emergency eyewash and shower, both equipped with clean water, in the immediate work area.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE, APPEARANCE, AND ODOR:	Liquid, clear, colorless to pale yellow, mild hydrocarbon odor.
ODOR THRESHOLD:	30 ppm (based on Stoddard Solvent)
MOLECULAR WEIGHT:	Not available.
SPECIFIC GRAVITY:	0.78 to 0.82 at 60°F/60°F (15.6°C/15.6°C) (water = 1)
DENSITY:	6.5 to 6.8 LB/US gal (780 to 820 g/l)
VAPOR DENSITY:	5 (air = 1) (approximately)
VAPOR PRESSURE:	0.2 mm Hg at 68°F (20°C) (approximately) 0.6 mm Hg at 100°F (38°C) (approximately)
BOILING POINT:	350°F (177°C) (initial)
FREEZING/MELTING POINT:	-45°F (-43°C) (maximum)
pH:	Not applicable.
EVAPORATION RATE:	0.1 (butyl acetate = 1) (based on Stoddard Solvent)
SOLUBILITY IN WATER:	Insoluble.
FLASH POINT:	148°F (64°C) (approximately) Tag Closed Cup
FLAMMABLE LIMITS IN AIR:	**LOWER:** 0.7 VOL% (minimum) **UPPER:** 5 VOL% (maximum)
AUTOIGNITION TEMPERATURE:	410°F (210°C) (minimum)

SECTION 10: STABILITY AND REACTIVITY

STABILITY:	Stable under normal temperatures and pressures. Avoid heat, sparks, or flame.
INCOMPATIBILITY:	Avoid acids, alkalies, oxidizing agents, reducing agents, or reactive halogens.

REACTIVITY:	Polymerization is not known to occur under normal temperatures and pressures. Not reactive with water.
HAZARDOUS DECOMPOSITION PRODUCTS:	None under normal temperatures and pressures. See also **SECTION 5: HAZARDOUS COMBUSTION PRODUCTS.**

SECTION 11: TOXICOLOGICAL INFORMATION

SENSITIZATION:	Based on best current information, there is no known human sensitization associated with these products.
MUTAGENICITY:	Based on best current information, there is no known mutagenicity associated with these products.
CARCINOGENICITY:	Based on best current information, there is no known carcinogenicity as regulated by OSHA; as categorized by ACGIH A1 or A2 substances; as categorized by IARC Group 1, Group 2A, or Group 2B agents; or as listed by NTP as either known carcinogens or substances for which there is limited evidence of carcinogenicity in humans or sufficient evidence of carcinogenicity in experimental animals. Also see **SECTION 15: CALIFORNIA.**
REPRODUCTIVE TOXICITY:	Based on best current information, there is no known reproductive toxicity associated with these products. Also see **SECTION 15: CALIFORNIA.**
TERATOGENICITY:	Based on best current information, there is no known teratogenicity associated with these products.
TOXICOLOGICALLY SYNERGISTIC PRODUCT(S):	Based on best current information, there are no known toxicologically synergistic products associated with these products.

SECTION 12: ECOLOGICAL INFORMATION

ECOTOXICITY:	A Static Acute Bioassay as per the California Department of Fish and Game WPCL, was done using fathead minnows, and up to 750 ppm of the products in water. The material passed the bioassay with only 1 out of 10 minnows dying. To fail the bioassay, more than 40% of the fish would die in 750 ppm.

OCTANOL/WATER PARTITION COEFFICIENT: Not available.

VOLATILE ORGANIC COMPOUNDS: 100 WT%; 6.5 to 6.8 LB/US gal; 780 to 820 g/l
As per 40 CFR Part 51.100(s).

SECTION 13: DISPOSAL CONSIDERATIONS

DISPOSAL: Dispose in accordance with federal, state, provincial, and local regulations. Regulations may also apply to empty containers. The responsibility for proper waste disposal lies with the owner of the waste. Contact Safety-Kleen regarding recycling or proper disposal.

USEPA WASTE CODE(S): Not regulated.
Based on available data, this information applies to the product as supplied to the user. Processing, use, or contamination by the user may change the waste code(s) applicable to the disposal of these products.

SECTION 14: TRANSPORT INFORMATION

DOT: COMBUSTIBLE LIQUID, N.O.S. (PETROLEUM NAPHTHA), NA1993, PG III

TDG: Not regulated.

EMERGENCY RESPONSE GUIDE NUMBER: 128
Reference *North American Emergency Response Guidebook*

SECTION 15: REGULATORY INFORMATION

USA REGULATIONS

SARA SECTIONS 302 AND 304: Based on the ingredient listed in **SECTION 2**, these products do not contain any "extremely hazardous substances" listed pursuant to Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA) Section 302 or Section 304 as identified in 40 CFR Part 355, Appendix A and B.

SARA SECTIONS 311 AND 312: These products pose the following physical and health hazards as defined in 40 CFR Part 370 and are subject to the requirements of sections 311 and 312 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA):

- Immediate (Acute) Health Hazard
- Delayed (Chronic) Health Hazard
- Fire Hazard

SARA SECTION These products do not contain toxic chemicals subject to the

313:	requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA) and 40 CFR Part 372.
CERCLA:	Based on the ingredient listed in **SECTION 2,** these products do not contain any "hazardous substance" listed pursuant to the Comprehensive Environmental Response, Compensation and Liability Act of 1980 (CERCLA) in 40 CFR Part 302, Table 302.4.
TSCA:	All the components of these products are listed on the TSCA Inventory.
CALIFORNIA:	These products may contain detectable amounts of benzene CAS 71-43-2 (at or below 0.4 mg/L) and p-dichlorobenzene CAS 106-46-7 (at or below 5 mg/L). WARNING: These chemicals are known to the State of California to cause cancer. These products may contain detectable amounts of benzene CAS 71-43-2 (at or below 0.4 mg/L) and toluene CAS 108-88-3 (at or below 30 mg/L). WARNING: These chemicals are known to the State of California to cause birth defects or other reproductive harm.

CANADIAN REGULATIONS

These products have been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

WHMIS:	B3, D2B
CANADIAN ENVIRONMENTAL PROTECTION ACT (CEPA):	All the components of these products are listed on the Canadian Domestic Substances List (DSL).

SECTION 16: OTHER INFORMATION

REVISION INFORMATION:	Updated with Safety-Kleen Texas address, modified Medical Emergency phone number, modified Transportation Spill number and modified Technical Information phone number.
LABEL/OTHER INFORMATION:	These products are United States Department of Agriculture (USDA) approved and Underwriter's Laboratories (UL) classified.

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

RECEIVED
FEB 14 2005
OIL CONSERVATION DIVISION

Form C-138
Revised March 17, 1999

Submit Original
Plus 1 Copy
to Appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☐ Non-Exempt: ☒ Verbal Approval Received: Yes ☒ No ☐ Per Denny Foust on 2/7/05	4. Generator: BJ Services
	5. Originating Site: Vehicle accident by Gaborador, NM
2. Management Facility Destination: Envirotech Soil Remediation Facility, Landfarm #2	6. Transporter: TBA
3. Address of Facility Operator: 5796 U.S. Highway 64, Farmington, NM 87401	8. State: New Mexico
7. Location of Material (Street Address or ULSTR) U.S. hwy 64, Mile marker 101, Rio Arriba County	Project #00100-004

9. Circle One:

A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job.

B. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved

All transporters must certify the wastes delivered are only those consigned for transport.

BRIEF DESCRIPTION OF MATERIAL:

Diesel and antifreeze contaminated soil from a vehicle accident.

CWS and MSDS's attached.

Estimated Volume 30~40 cy Known Volume (to be entered by the operator at the end of the haul) _____cy

SIGNATURE _____ TITLE: Landfarm Manager DATE: February 9, 2004
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: Brandon Powell TELEPHONE NO: (505) 632-0615

(This space for State Use)

APPROVED BY: Denny Foust TITLE: Envir./Engr DATE: 2/09/05

APPROVED BY: Ed Martin TITLE: ENVIRO. ENGR. DATE: 2-17-05

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-138
Revised March 17, 1999

Submit Original
Plus 1 Copy
to Appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☐ Non-Exempt: ☒ Verbal Approval Received: Yes ☒ No ☐ Per Denny Foust on 2/7/05	4. Generator: BJ Services
	5. Originating Site: Vehicle accident by Gaborador, NM
2. Management Facility Destination: Envirotech Soil Remediation Facility, Landfarm #2	6. Transporter: TBA
3. Address of Facility Operator: 5796 U.S. Highway 64, Farmington, NM 87401	8. State: New Mexico
7. Location of Material (Street Address or ULSTR) U.S. hwy 64, Mile marker 101, Rio Arriba County	Project #00100-004

9. Circle One:

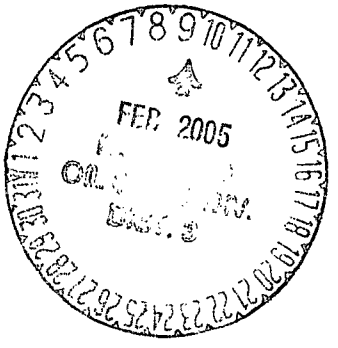
A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job.
B. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved

All transporters must certify the wastes delivered are only those consigned for transport.

BRIEF DESCRIPTION OF MATERIAL:

Diesel and antifreeze contaminated soil from a vehicle accident.

CWS and MSDS's attached.



Estimated Volume 30~40 cy Known Volume (to be entered by the operator at the end of the haul) _____ cy

SIGNATURE _____ TITLE: Landfarm Manager DATE: February 9, 2005
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: Brandon Powell TELEPHONE NO: (505) 632-0615

(This space for State Use)

APPROVED BY: Denny Foust TITLE: Enviro/Engr DATE: 2/09/05

APPROVED BY: _____ TITLE: _____ DATE: _____

NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON
Governor
Joanna Prukop
Cabinet Secretary

Lori Wrotenbery
Director
Oil Conservation Division

CERTIFICATE OF WASTE STATUS

1. Generator Name and Address	2. Destination Name:
BJ Services 3250 Southside River Road Farmington, New Mexico 87401	Envirotech Inc. Soil Remediation Facility Landfarm #2 Hilltop, New Mexico
3. Originating Site (name):	Location of the Waste (Street address &/or ULSTR):
Vehicle accident attach list of originating sites as appropriate	Hwy 64 Mile Marker 101 Rio Arriba County, New Mexico
4. Source and Description of Waste	
Diesel and antifreeze contaminated soil from a vehicle accident. Approx. 30-40 yards of soil.	

I, Les Baugh representative for :
Print Name

BJ Services do hereby certify that, according to the Resource Conservation and Recovery Act (RCRA) and Environmental Protection Agency's July,1988, regulatory determination, the above described waste is: (Check appropriate classification)

___ **EXEMPT** oilfield waste

__X__ **NON-EXEMPT** oilfield waste which is non-hazardous by characteristic analysis or by product identification

and that nothing has been added to the exempt or non-exempt non –hazardous waste defined above.

For **NON-EXEMPT** waste the following documentation is attached (check appropriate items):

__X__ MSDS Information
___ RCRA Hazardous Waste Analysis
___ Chain of Custody
___ Other (description

This waste is in compliance with Regulated Levels of Naturally Occurring Radioactive Material (NORM) pursuant to 20 NMAC 3.1 subpart 1403.C and D.

Name (Original Signature): Les Baugh

Title: Facilities Supervision

Phone Number: 505-327-6222

Date: 2/8/05

SINCLAIR
MATERIAL SAFETY DATA SHEET
SINCLAIR DIESEL MSDS No. 58

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Trade Name (Used on Label):	Diesel
Description:	Diesel
Synonyms:	Diesel, Distillate, Cycle Oil, Fuel Oil, Diesels Cycle Oil, Furnace Oil
Chemical Family:	Liquid Hydrocarbons
EMERGENCY TELEPHONE:	CHEMTREC - (800) 424-9300 or (703) 527-3887 (collect)
SUPPLIER:	Sinclair Oil Corporation P. O. Box 30825 Salt Lake City, Utah 84130
TELEPHONE:	(888) 340-3466
FAX:	(801) 524-2740

2. COMPOSITION, INFORMATION ON INGREDIENTS

CAS Registry Number: #1 Diesel 8008-20-6
#2 Diesel 68476-34-6

COMPOSITION COMMENTS:

	Typical wt.%	CAS Registry #
#1 Diesel		
Toluene	0-0.5	108-88-3
Naphthalene	0-0.5	91-20-3
#2 Diesel		
Toluene	0-0.5	108-88-3
Naphthalene	0-0.5	91-20-3

EXPOSURE GUIDELINES:

	OSHA		ACGIH			
COMPONENTS	TWA	STEL	CEILING	TWA	STEL	UNIT
Toluene	200		300			ppm
Naphthalene	10			10	15	ppm
Petroleum Distillates (Naphtha)	500					ppm

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

Colorless, red, blue, or amber liquid with kerosene odor. May cause eye, skin and respiratory tract irritation.

POTENTIAL HEALTH EFFECTS:

Trauma and burns secondary to explosions and fires can result. In enclosed spaces, oxygen may be displaced by vapors or consumed by combustion. Incomplete combustion will produce carbon monoxide and other toxic gases.

INHALATION:

Overexposure may cause weakness, headache, nausea, confusion, blurred vision, drowsiness and other central nervous system effects.

EYE CONTACT:

Contact may cause eye irritation. Naphthalene vapor causes eye irritation.

SKIN CONTACT:

Contact may irritate or burn skin. Absorption through the skin may cause symptoms of intoxication, followed by kidney damage.

INGESTION:

If aspirated (liquid enters lung) following ingestion, severe lung irritation and pulmonary edema (swelling of lung tissue) may occur. Aspiration may also result in central nervous system depression or excitement. Serious permanent lung damage may result. Nausea, vomiting, diarrhea, and abdominal pain may occur following ingestion.

4. FIRST AID MEASURES

Remove all clothing impregnated with material immediately. Consult a physician for major exposures of inhalation or skin contact.

INHALATION:

Remove from further exposure. If unconsciousness occurs, seek immediate medical assistance. If breathing stops, use mouth-to-mouth resuscitation.

EYE CONTACT:

Flush immediately with water for at least 15 minutes minimum. Seek medical attention promptly.

SKIN CONTACT:
Discard contaminated leather articles. Wash contact areas with soap and water. Launder contaminated clothing before reuse.

INGESTION:
DO NOT INDUCE VOMITING. Get medical assistance promptly. (Note to physician: Material if aspirated into the lungs may cause chemical pneumonitis. Treat appropriately.)

5. FIRE FIGHTING MEASURES

Flashpoint and Method:	100° F Minimum
Flammable Limits:	LEL - 1.3 UEL - 6
Autoignition Temperature:	490° - 545° F

GENERAL HAZARD:
Incomplete burning can produce carbon monoxide. Vapors will be released above flash point and when mixed with air, can burn or explode in confined space if exposed to sources of ignition.

FIRE FIGHTING INSTRUCTIONS:
Use foam, dry chemical, CO_2, water fog or vaporizing liquid (Halon). Keep personnel removed from and up-wind of fire. Cool adjacent structures and storage drums with water spray. Evacuate area. Prevent runoff from fire control dilution from entering streams or drinking water supply.

FIRE FIGHTING EQUIPMENT:
Use of SCBA in enclosed or confined spaces, or as otherwise needed. Bunker gear.

HAZARDOUS COMBUSTION PRODUCTS:
May produce carbon monoxide.

6. ACCIDENTAL RELEASE MEASURES

LAND SPILL:

Shut off and eliminate all ignition sources. Keep people away. Remove leaking containers to a safe area. Contain and remove by mechanical means. Add sand, earth or other suitable absorbent to spill area than scrape off the ground. Guard against contamination of water supplies. Report spills to appropriate authorities. Dispose of in accordance with Federal, State and Local regulations.

WATER SPILL:

Spill may be removed from water with mechanical dredges or lifts. Report spills to appropriate authorities. Dispose of in accordance with Federal, State and Local regulations.

7. HANDLING AND STORAGE

GENERAL:

Ground and bond all transfer and storage equipment. Drums must be grounded/ bonded/ equipped with self- closing valves, pressure vacuum bungs and flame arrestors. Store away from ignition sources in a cool area. Outside or detached storage is preferred.

When handling use non-sparking tools and equipment. Do not use as a cleaner or solvent, use only as fuel. Do not siphon by mouth.

8. ENGINEERING CONTROLS, RESPIRATORY & PERSONAL PROTECTION

ENGINEERING CONTROLS:

Provide ventilation sufficient to prevent exceeding recommended exposure limit or build-up of explosive concentrations of vapor in air. Use explosion-proof equipment.

PERSONAL PROTECTION:

RESPIRATOR:

Approved respiratory protection must be used when vapors or mist concentrations are unknown or exceed the TLV. Avoid prolonged or repeated breathing of vapor or mists.

PROTECTIVE CLOTHING:

Use full-face shield, chemical goggles, impervious gloves, boots and whole body protection.

9. PHYSICAL AND CHEMICAL PROPERTIES

Vapor Pressure: < 1 PSIA	Vapor Density: >1
Specific Gravity: 0.75 - 0.90	(Air = 1)
Solubility in Water: No	Freezing Point: 0° F
pH: N/A	Appearance: colorless, red, blue or amber
Boiling Point: 550° F	Physical State: Liquid

10. STABILITY AND REACTIVITY

GENERAL:
This product is stable.

INCOMPATIBLE MATERIALS AND CONDITIONS TO AVOID:
Strong acids, alkalies and oxidizers. Avoid heat, sparks, flame and static electricity.

HAZARDOUS DECOMPOSITION:
Incomplete burning can produce carbon monoxideGENERAL:

11. TOXICOLOGICAL INFORMATION

SYSTEMIC:
Petroleum-derived fuels and fuel oils are complex and variable mixtures of hydrocarbons. In general, the more viscous the mixture, the less toxic it will be. At high level exposures, humans experience multiple organ failures, some of which may be due to hypoxia and secondary to the failure of other organ systems. In humans kidney failure has been noted only at high, acute levels of exposures, and appears reversible. Liver enzymes may be transiently elevated. At lower level exposures, most acute health effects are reversible. People can be exposed by inhalation, ingestion and dermal contact. Frequently, people are exposed by combined dermal and inhalation exposure.

ACUTE:
Inhalation: Headaches, confusion, disorientation, blurred vision occur with inhalation. Higher exposures may cause hallucinations, CNS excitation, drowsiness, CNS depression. Seizure and coma occur from very high exposures and death may result from respiratory depression. ECG changes, cardiac arrhythmias, tachycardia, shock and cardiovascular collapse can occur. Pneumonia, pulmonary edema and hemorrhages can occur.

Inhalation of 8000-16000 mg/m3 for 2 to 4 hours was lethal to rats.

Ingestion: Central nervous system, cardiovascular, and respiratory effects have been reported with acute exposures to various hydrocarbon fuels and oils similar to those reported with inhalation. Nausea, vomiting, cramping and diarrhea may occur.

Eye: Conjunctivitis and burning, watery eyes have been reported in acute exposures to various hydrocarbon fuels and oils.

Skin: Mild erythema to full thickness chemical burns have occurred after prolonged exposure to various hydrocarbon fuels and oils.

Chronic:
Chronic dermatitis with acanthosis, inflammation, parakeratosis and hyperkeratosis have occurred with chronic exposures to various hydrocarbon fuels and oils.
Occupational exposures in petroleum refining are considered Group 2A (probably carcinogenic) by IARC.

12. DISPOSAL CONSIDERATIONS

RCRA: Disposal of this product or material contaminated with this product may be regulated by RCRA due to the characteristic of ignitability.

EPA Hazard Class: Acute Hazard/Chronic Hazard/Fire Hazard

Dispose of in accordance with Federal, State, and Local regulations.

13. TRANSPORT INFORMATION

DOT (Department of Transportation):

PROPER SHIPPING NAME:	Combustible Liquid nos (Diesel #1, Diesel #2)
HAZARD CLASS:	Combustible Liquid
IDENTIFICATION NUMBER:	UN 1993 PG III
NAERG96 NUMBER:	128

14. REGULATORY INFORMATION

CERCLA (Comprehensive Environmental Response Compensation, and Liability Act):
Naphthalene and Toluene are hazardous substances under CERCLA and therefore are subject to emergency notification requirements.

SARA TITLE III (Superfund Amendments and Reauthorization Act): Naphthalene and Toluene are subject to SARA Title III, Sections 311 and 312, which require MSDS reporting and hazardous chemical inventory reporting.

Naphthalene and Toluene are also subject to SARA Title III, Section 313, which requires chemical release reporting.

15.OTHER INFORMATION

NFPA 704/HMIS

Health - 0 Flammability - 2 Reactivity - 0
(0=insignificant, 1=slight, 2=moderate, 3=high, 4=extreme)

REVISION SUMMARY:
Complete review of MSDS, December 2002.

THIS PRODUCT MATERIAL SAFETY DATA SHEET PROVIDES HEALTH AND SAFETY INFORMATION. THE PRODUCT SHOULD BE USED IN APPLICATIONS CONSISTENT WITH THIS PRODUCT LITERATURE. FOR ANY OTHER USES, EXPOSURES SHOULD BE EVALUATED SO THAT APPROPRIATE HANDLING PRACTICES AND TRAINING PROGRAMS CAN BE ESTABLISHED TO ENSURE SAFE WORKPLACE OPERATIONS

THIS MATERIAL SAFETY DATA SHEET IS PROVIDED IN GOOD FAITH AND MEETS THE REQUIREMENTS OF THE HAZARDOUS COMMUNICATION PROVISIONS OF SARA TITLE III AND 29CFR1910.1200(g) OF THE OSHA REGULATIONS. THE ABOVE INFORMATION IS BASED ON REVIEW OF AVAILABLE INFORMATION SINCLAIR BELIEVES IS RELIABLE AND IS SUPPLIED FOR INFORMATIONAL PURPOSES ONLY. SINCLAIR DOES NOT GUARANTEE ITS COMPLETENESS OR ACCURACY. SINCE CONDITIONS OF USE ARE OUTSIDE THE CONTROL OF SINCLAIR, SINCLAIR DISCLAIMS ALL WARRANTIES, EXPRESS OR IMPLIED, AND ANY LIABILITY FOR DAMAGE OR INJURY WHICH RESULTS FROM THE USE OF THE ABOVE DATA. NOTHING HEREIN IS INTENDED TO PERMIT INFRINGEMENT OF VALID PATENTS AND LICENSES.

DATE: **July 2004**
SUPERSEDES: **July 2003**

SECTION 1: IDENTIFICATION

MSDS ID: MSDS149

PRODUCT NAME: PRESTONE(R) Antifreeze/Coolant
PRODUCT NUMBER: AF777, 71994, 70192, 70193, 70184, 70201, 70241, 80366
FORMULA NUMBER: YA721, YA718, YA718B

MANUFACTURER: Honeywell Consumer Products Group
39 Old Ridgebury Road
Danbury, CT 06810-5109

CANADIAN OFFICE: Honeywell Consumer Products Group
3333 Unity Drive
Mississauga, Ontario L5L 3S6

INFORMATION PHONE NUMBER: (800)862-7737 (in the US)
(800)668-9349 (in Canada)

EMERGENCY PHONE NUMBER: CHEMTREC 1-800-424-9300 (in the US)
CANUTEC (613)996-6666 (in Canada)

MSDS DATE OF PREPARATION/REVISION: 08/21/03

PRODUCT USE: Automobile antifreeze - consumer product

NFPA RATING (NFPA 704) - FIRE: 1
HEALTH: 2
REACTIVITY: 0

SECTION 2: PRODUCT COMPONENTS

HAZARDOUS COMPONENTS	CAS#	PERCENT	EXPOSURE LIMITS
Ethylene Glycol (aerosol)	107-21-1	80-96	None Established-OSHA PEL 100 mg/m3 Ceiling ACGIH TLV
Diethylene Glycol	111-46-6	0-8	None Established OSHA PEL, ACGIH TLV

Non-Hazardous Ingredients >1%
Water 7732-18-5

SECTION 3: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Eye and upper respiratory irritant. May cause nausea, vomiting, headache, drowsiness, blurred vision, convulsions, coma or death if ingested or inhaled. Prolonged or repeated skin contact may cause dermatitis or skin sensitization.

POTENTIAL HEALTH EFFECTS:

INHALATION: May cause irritation of the nose and throat with headache, particularly from mists. High vapor concentrations caused, for example, by heating the material in an enclosed and poorly ventilated workplace, may produce nausea, vomiting, headache, dizziness and irregular eye movements.

SKIN CONTACT: No evidence of adverse effects from available information.

EYE CONTACT: Liquid, vapors or mist may cause discomfort in the eye with persistent conjunctivitis, seen as slight excess redness or conjunctiva. Serious corneal injury is not anticipated.

INGESTION: Following ingestion, a bitter taste may be noted. May cause abdominal discomfort or pain, nausea, vomiting, dizziness, drowsiness, malaise, blurring of vision, irritability, back pain, decrease in urine output, kidney failure, and central nervous system effects, including irregular eye movements, convulsions and coma. Cardiac failure and pulmonary edema may develop. Severe kidney damage which may be fatal may follow the swallowing of ethylene glycol. A few reports have been published describing the development of weakness of the facial muscles, diminishing hearing, and difficulty with swallowing, during the late stages of severe poisoning.

CHRONIC EFFECTS: Prolonged or repeated inhalation exposure may produce signs of central nervous system involvement, particularly dizziness and jerking eye movements. Prolonged or repeated skin contact may cause skin sensitization and an associated dermatitis in some individuals. Ethylene glycol has been found to cause birth defects in laboratory animals. The significance of this finding to humans has not been determined. See section 11 for additional information.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: The available toxicological information and a knowledge of the physical and chemical properties of the material suggest that overexposure in unlikely to aggravate existing medical conditions.

CARCINOGEN: None of the components of these products is listed as a carcinogen or suspected carcinogen by IARC, NTP or OSHA.

SECTION 4: FIRST AID MEASURES

INHALATION: Remove the victim to fresh air. If breathing has stopped administer artificial respiration. If breathing is difficult, have medical personnel administer oxygen. Get medical attention.

SKIN CONTACT: Remove contaminated clothing. Immediately wash contacted area thoroughly with soap and water. If irritation persists, get medical attention.

EYE CONTACT: Immediately flush eyes with large amounts of water for 15

minutes. Get medical attention if irritation persists.

INGESTION: Seek immediate medical attention. Immediately call local poison control center or go to an emergency department. Never give anything by mouth to or induce vomiting in an unconscious or drowsy person.

NOTES TO PHYSICIAN: The principal toxic effects of ethylene glycol, when swallowed, are kidney damage and metabolic acidosis. The combination of metabolic acidosis, an osmol gap and oxalate crystals in the urine is evidence of ethylene glycol poisoning.

Pulmonary edema with hypoxemia has been described in a number of patients following poisoning with ethylene glycol. Respiratory support with mechanical ventilation may be required.

There may be cranial nerve involvement in the late stages of toxicity from swallowed ethylene glycol. In particular, effects have been reported involving the seventh, eighth, and ninth cranial nerves, presenting with bilateral facial paralysis, diminished hearing and dysphagia.

Ethanol is antidotal and its early administration may block the formation of nephrotoxic metabolites of ethylene glycol in the liver. The objective is to rapidly achieve and maintain a blood ethanol level of approximately 100 mg/dl by giving a loading dose of ethanol followed by a maintenance dose. Intravenous administration of ethanol is the preferred route. Ethanol blood levels should be checked frequently. Hemodialysis may be required.

4-Methylpyrazole (Antizole(R) or Fomepizole), a potent inhibitor of alcohol dehydrogenase, has been used therapeutically to decrease the metabolic consequences of ethylene glycol poisoning. Additional therapeutic modalities which may decrease the adverse consequences of ethylene glycol metabolism are the administration of both thiamine and pyridoxine. As there are complicated and serious overdoses, we recommend you consult with the toxicologists at your poison control center. This antidote is now approved by the F.D.A. and in many cases has replaced ethanol in the treatment of ethylene glycol poisoning.

SECTION 5: FIRE AND EXPLOSION DATA

FLASH POINT: 242 F (117 C) TOC
220 F (104 C) PMCC

AUTOIGNITION TEMPERATURE: Not determined

FLAMMABILITY LIMITS: LEL: 3.2% UEL: 15.3%

NFPA CLASSIFICATION: IIIB

EXTINGUISHING MEDIA: For large fires, use alcohol type or all-purpose foams. For small fires, use water spray, carbon dioxide or dry chemical.

SPECIAL FIRE FIGHTING PROCEDURES: Do not spray pool fires directly. Cool fire exposed containers with water. Firefighters should wear positive pressure self-contained breathing apparatus and full protective clothing for fires in areas where chemicals are used or stored.

UNUSUAL FIRE HAZARDS: A solid stream of water or foam directed into hot, burning liquid can cause frothing.

HAZARDOUS COMBUSTION PRODUCTS: Burning may produce carbon monoxide and carbon dioxide.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Wear appropriate protective clothing and equipment (See Section 8). Collect with absorbent material and place in appropriate, labeled container for disposal or, if permitted flush spill area with water.

SECTION 7: HANDLING AND STORAGE

DANGER: Harmful or Fatal if Swallowed

Do not drink antifreeze or solution.
Avoid eye and prolonged or repeated skin contact.
Avoid breathing vapors or mists.
Wash exposed skin thoroughly with soap and water after use.
Do not store in opened or unlabeled containers.

Keep container away from open flames and excessive heat.
Do not reuse empty containers unless properly cleaned.

Empty containers retain product residue and may be dangerous. Do not cut, weld, drill, etc. containers, even empty.

Sudden release of hot organic chemical vapors or mists from process equipment operating at elevated temperature and pressure, or sudden ingress of air into vacuum equipment, may result in ignitions without any obvious ignition sources. Published "autoignition" or "ignition" temperatures cannot be treated as safe operating temperatures in chemical processes without analysis of the actual process conditions. Use of this product in elevated temperature applications should be thoroughly evaluated to assure safe operating conditions.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

VENTILATION: Use general ventilation or local exhaust as required to maintain exposures below the occupational exposure limits.

RESPIRATORY PROTECTION: For operations where the TLV is exceeded a NIOSH approved respirator with organic vapor cartridges and dust/mist prefilters or supplied air respirator is recommended. Equipment selection depends on contaminant type and concentration. Select and use

in accordance with 29 CFR 1910.134 and good industrial hygiene practice. For firefighting, use self-contained breathing apparatus.

GLOVES: Chemical resistant gloves such as neoprene or PVC where contact is possible

EYE PROTECTION: Splash-proof goggles.

OTHER PROTECTIVE EQUIPMENT/CLOTHING: Appropriate protective clothing as needed to minimize skin contact. Suitable washing and eye flushing facilities should be available in the work area. Contaminated clothing should be removed and laundered before re-use.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR: Yellow liquid with a mild odor.

pH: Not determined	SPECIFIC GRAVITY: 1.12
BOILING POINT (F): 334 F	VAPOR PRESSURE: Less than 0.1
FREEZING POINT (F): -8 F	VAPOR DENSITY: 2.1
SOLUBILITY IN WATER: 100%	EVAPORATION RATE: Less than 1
PERCENT VOLATILE: None	VISCOSITY: Not determine

COEFFICIENT OF WATER/OIL DISTRIBUTION: Not determined

SECTION 10: STABILITY AND REACTIVITY

STABILITY: Stable
CONDITIONS TO AVOID: None known.
INCOMPATIBILITY: Normally unreactive, however, avoid strong bases at high temperatures, strong acids, strong oxidizing agents, and materials reactive with hydroxyl compounds.
DECOMPOSITION PRODUCTS: Carbon monoxide, carbon dioxide.
HAZARDOUS POLYMERIZATION: Will not occur.
CONDITIONS TO AVOID: None known.

SECTION 11: TOXICOLOGICAL INFORMATION

ACUTE TOXICITY VALUES:

Ethylene Glycol: LD50 Oral Rat: 4700 mg/kg
LD50 Skin Rabbit: 9530 mg/kg

Diethylene Glycol: LD50 Oral Rat: 12,565 mg/kg
LD50 Skin Rabbit: 11,890 mg/kg

SIGNIFICANT LABORATORY DATA WITH POSSIBLE RELEVANCE TO HUMAN HEALTH:
Ethylene glycol has been shown to produce dose-related teratogenic effects in rats and mice when given by gavage or in drinking water at high concentrations or doses. Also, in a preliminary study to assess the effects of exposure of pregnant rats and mice to aerosols at concentrations 150, 1,000 and 2,500 mg/m3 for 6 hours a day throughout the period of organogenesis, teratogenic effects were produced at the highest concentrations, but only in mice. The conditions of these

latter experiments did not allow a conclusion as to whether the developmental toxicity was mediated by inhalation of aerosol, percutaneous absorption of ethylene glycol from contaminated skin, or swallowing of ethylene glycol as a result of grooming the wetted coat. In a further study, comparing effects from high aerosol concentration by whole-body or nose-only exposure, it was shown that nose-only exposure resulted in maternal toxicity (1,000 and 2,500 mg/m3) and developmental toxicity in with minimal evidence of teratogenicity (2,500 mg/m3). The no-effects concentration (based on maternal toxicity) was 500 mg/m3. In a further study in mice, no teratogenic effects could be produced when ethylene glycol was applied to the skin of pregnant mice over the period of organogenesis. The above observations suggest that ethylene glycol is to be regarded as an animal teratogen; there is currently no available information to suggest that ethylene glycol caused birth defects in humans. Cutaneous application of ethylene glycol is ineffective in producing developmental toxicity; exposure to high aerosol concentration is only minimally effective in producing developmental toxicity; the major route for producing developmental toxicity is perorally.

Two chronic feeding studies, using rats and mice, have not produced any evidence that ethylene glycol causes dose-related increases in tumor incidence or a different pattern of tumors compared with untreated controls. The absence of carcinogenic potential for ethylene glycol has been supported by numerous invitro genotoxicity studies showing that it does not produce mutagenic or clastogenic effects.

This products contains less than 0.5% tolytriazole which has demonstrates mutagenic activity in a bacterial test system. A correlation has been established between mutagenic activity and carcinogenic activity for many chemicals. Tolytriazole has not been identified as a carcinogen or probable carcinogen by NTP, IARC or OSHA.

SECTION 12: ECOLOGICAL INFORMATION

Ethylene Glycol: LC50 Goldfish: 5,000 mg/L/24 hr. at 20 C static conditions.

Toxicity threshold (cell multiplication inhibition test):
Bacterial (Pseudomonas putida): 10,000 mg/l
Protozoa (Entosiphon sulcatum and Uronema parduczi Chatton-Lwoff): >10,000 mg/l
Algae (Microcystis aeruginosa): 2,000 mg/l
Green algae (Scenedesmus quandricauda): >10,000 mg/l

SECTION 13: DISPOSAL INFORMATION

Dispose of product in accordance with all local, state/provincial and federal regulations.

SECTION 14: TRANSPORT INFORMATION

U.S. DOT HAZARD CLASSIFICATION: Not Regulated

DOT MARINE POLLUTANTS: This product does not contain Marine Pollutants as defined in 49 CFR 171.8.

IMDG CODE SHIPPING CLASSIFICATION: Not Regulated

CANADIAN TDG CLASSIFICATION: Not Regulated

Note: IF A BULK SHIPMENT IS INVOLVED, THE FOLLOWING INFORMATION APPLIES:

U.S. DOT HAZARD CLASSIFICATION
PROPER SHIPPING NAME: Environmentally hazardous substance, liquid, N.O.S. (Ethylene glycol)
UN NUMBER: UN3082
LABELS REQUIRED: Class 9, UN3082

SECTION 15: REGULATORY INFORMATION

EPA SARA 311/312 HAZARD CLASSIFICATION: Acute health, chronic health

EPA SARA 313: This Product Contains the Following Chemicals Subject to Annual Release Reporting Requirements Under SARA Title III, Section 313 (40 CFR 372):

Ethylene Glycol	107-21-1	80-96%

PROTECTION OF STRATOSPHERIC OZONE: This product is not known to contain or to have been manufactured with ozone depleting substances as defined in 40 CFR Part 82, Appendix A to Subpart A.

CERCLA SECTION 103: Spills of this product over the RQ (reportable quantity) must be reported to the National Response Center. The RQ for this product, based on the RQ for Ethylene Glycol (96% maximum) of 5,000 lbs, is 5,208 lbs. Many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

CALIFORNIA PROPOSITION 65: The normal consumer use of this product does not result in exposures to chemicals known to the State of California to cause Cancer and/or Reproductive Harm above the significant risk level for carcinogens or the maximum allowable dose levels for reproductive toxins. Therefore, no warnings are required for consumer packages. Industrial or other occupational use of this product at higher frequency and using larger quantities of this product may result in exposures exceeding these levels and are labeled accordingly.

EPA TSCA INVENTORY: All of the components of this material are listed on the Toxic Substances Control Act (TSCA) Chemical Substances Inventory.

CANADIAN ENVIRONMENTAL PROTECTION ACT: All of the ingredients are

listed on the Canadian Domestic Substances List.

CANADIAN WHMIS CLASSIFICATION: Class D - Division 2 - Subdivision B - (A toxic material causing other chronic effects)

CANADIAN WHIMIS HAZARD SYMBOLS: Toxic - Division 2

This MSDS has been prepared according to the criteria of the Controlled Products Regulation (CPR) and the MSDS contains all of the information required by the CPR.

EUROPEAN INVENTORY OF EXISTING COMMERCIAL CHEMICAL SUBSTANCES (EINECS): All of the ingredients are listed on the EINECS inventory.

SECTION 16: OTHER INFORMATION

REVISION SUMMARY: Section 1: Product Number, Canadian Address

This MSDS is directed to professional users and bulk handlers of the product. Consumer products are labeled in accordance with Federal Hazardous Substances Act regulations.

While Prestone Products Corporation believes that the data contained herein are factual and the opinions expressed are those of qualified experts regarding the results of tests conducted, the data are not to be taken as a warranty or representation for which Prestone Products Corporation assumes legal responsibility. They are offered for your consideration, investigation and verification. Any use of these data and information must be determined by the user to be in accordance with applicable federal, state and local laws and regulations.

If more information is needed, please contact:

Technical Services
Prestone Products Corporation
55 Federal Road
Danbury, CT 06810
(800) 862-7737

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-138
Revised March 17, 1999

Submit Original
Plus 1 Copy
to Appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☐ Non-Exempt: ☒ Verbal DGF Verbal Approval Received: Yes ☒ No ☐	4. Generator: Weatherford (UBS)
	5. Originating Site: SJ 28-6 #101M
2. Management Facility Destination: Envirotech Soil Remediation Facility, Landfarm #2	6. Transporter: TBA
3. Address of Facility Operator: 5796 U.S. Highway 64, Farmington, NM 87401	8. State: New Mexico
7. Location of Material (Street Address or ULSTR) "I", Sec. 14, T28N, R6W, Rio ArribaCounty.	Project # 91327-002

9. Circle One:

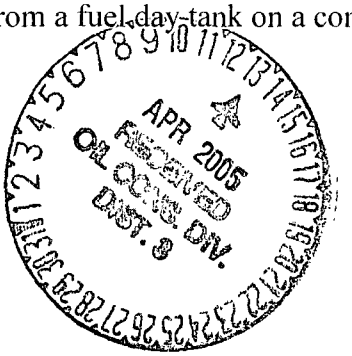
A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job.

B. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved

All transporters must certify the wastes delivered are only those consigned for transport.

BRIEF DESCRIPTION OF MATERIAL:

#2 Diesel contaminated soil resulting when an employee was bleeding air from a fuel day tank on a compressor went to sleep causing approx. 200-300gals of diesel fuel to spill on the ground.
CWS, and MSDS attached



Estimated Volume _____cy Known Volume (to be entered by the operator at the end of the haul) _____cy

SIGNATURE Brandon Powell TITLE: Landfarm Manager DATE: April 13, 2005
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: Brandon Powell TELEPHONE NO: (505) 632-0615

(This space for State Use)

APPROVED BY: Denny Foust TITLE: Enviro/Engr DATE: 4/15/05

APPROVED BY: _____ TITLE: _____ DATE: _____

91327-002

NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON
Governor
Joanna Prukop
Cabinet Secretary

Lori Wrotenbery
Director
Oil Conservation Division

CERTIFICATE OF WASTE STATUS

1. Generator Name and Address	2. Destination Name:
Weatherford UBS 5432 US Hwy 64 Farmington N.M 87401	Envirotech Inc. Soil Remediation Facility Landfarm #2 Hilltop, New Mexico
3. Originating Site (name): SJ 28-6 #101M attach list of originating sites as appropriate	Location of the Waste (Street address &/or ULSTR): UL "I", Sec. 14 T28N, R6W Rio Arriba County, NM
4. Source and Description of Waste #2 Diesel- Employee bleeding air from Fuel Day Tank on a Compressor went to sleep causing Diesel fuel to spill on the ground. 200-300gal.	

I, David R Phillips representative for :
Print Name

Weatherford Unde Balanced Services (UBS) do hereby certify that, according to the Resource Conservation and Recovery Act (RCRA) and Environmental Protection Agency's July,1988, regulatory determination, the above described waste is: (Check appropriate classification)

___ **EXEMPT** oilfield waste

__XX__ **NON-EXEMPT** oilfield waste which is non-hazardous by characteristic analysis or by product identification

and that nothing has been added to the exempt or non-exempt non –hazardous waste defined above.

For **NON-EXEMPT** waste the following documentation is attached (check appropriate items):

___MSDS Information
___RCRA Hazardous Waste Analysis
___Chain of Custody
___Other (description

This waste is in compliance with Regulated Levels of Naturally Occurring Radioactive Material (NORM) pursuant to 20 NMAC 3.1 subpart 1403.C and D.

Name (Original Signature): David R Phillips

Title: HSSE Cordinator

Phone Number: Office (505) 327-5180 Cell - 793-5102

Date: 4-13-05

Material Safety Data Sheet

NO. 2 DIESEL FUEL

---

1. CHEMICAL PRODUCT/COMPANY IDENTIFICATION

NO. 2 DIESEL FUEL

MSDS Code: GASC0220 Revised: 09 May 2002

CAS Number: 68476-34-6

Tradenames: Diesel Fuel No. 2, Low Sulfur
Diesel Fuel No. 2, High Sulfur

MANUFACTURER/DISTRIBUTOR
Conoco Inc.
PO Box 2197
Houston, TX 77252

PHONE NUMBERS
Product Information : 1-281-293-5550
Transport Emergency : CHEMTREC 1-800-424-9300 or
1-703-527-3887 (international; call collect)
Medical Emergency : 1-800-342-5119 or 1-281-293-5119
WEB SITE : www.conoco.com

2. COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS Number	%
Diesel Fuel, No. 2	68476-34-6	100

Note
Sulfur content: <0.05 wt.% in low sulfur fuel
<0.5 wt.% in high sulfur fuel

Exposure limits
Petroleum distillate standard applies. (See Section 8.)

3. HAZARDS IDENTIFICATION

--- EMERGENCY OVERVIEW ---

APPEARANCE / ODOR
Red or Undyed (Clear or Straw-Colored) Liquid / Aromatic Odor

OSHA REGULATORY STATUS
This material is hazardous as defined under OSHA regulations.
Combustible.
See below for health effects.

HMIS RATING: Health: 1; Flammability: 2; Physical Hazard: 0.
NFPA RATING: Health: 1; Flammability: 2; Instability: 0.

Potential Health Effects

Primary Routes of Entry: Skin, inhalation

The product may cause irritation to the eyes, nose, throat, lungs, and skin after prolonged or repeated exposure. Extreme overexposure or aspiration into the lungs may cause lung damage or death. Overexposure may cause weakness, headache, nausea, confusion, blurred vision, drowsiness, and other nervous system effects; greater overexposure may cause dizziness, slurred speech, flushed face, unconsciousness, and convulsions.

Combustion Product - Carbon Monoxide:

Carbon monoxide decreases the ability of the blood to carry oxygen. Inhalation may cause headache, nausea, rapid respirations, vomiting, dizziness, confusion, impaired judgment, personality changes, memory impairment, weakness, shortness of breath, unconsciousness, convulsions and death if not treated. It may cause chest pains in persons with heart disease. Carbon monoxide poisoning can cause pallor (whiteness) or cyanosis (blueness) of the skin and extremities.
High exposures to carbon monoxide may cause heart irregularities. Carbon monoxide may adversely affect the unborn babies of pregnant women.

Carcinogenicity Information

None of the components present in this material at concentrations equal to or greater than 0.1% are listed by IARC, NTP, OSHA or ACGIH as a carcinogen.

4. FIRST AID MEASURES

First Aid

INHALATION

If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician.

SKIN CONTACT

Wash skin thoroughly with soap and water. If irritation develops and persists, consult a physician.

EYE CONTACT

In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Call a physician.

INGESTION

If swallowed, do not induce vomiting. Immediately give 2 glasses of water. Never give anything by mouth to an unconscious person. Call a physician.

Notes to Physicians

Activated charcoal mixture may be administered. To prepare activated charcoal mixture, suspend 50 grams activated charcoal in 400 mL water and mix thoroughly. Administer 5 mL/kg, or 350 mL for an average adult.

5. FIRE FIGHTING MEASURES

Flammable Properties

Flash Point	: 130 F (54 C)
Method	: PMCC
Flammable limits in Air, % by Volume	
LEL	: 0.4
UEL	: 6
Autoignition	: 494 F (257 C)

Vapor forms explosive mixture with air. Vapors or gases may travel considerable distances to ignition source and flash back.

Extinguishing Media

Water Spray, Foam, Dry Chemical, CO2.

Fire Fighting Instructions

Use water to keep fire-exposed containers cool. If a leak or spill has not ignited, use water spray to disperse the vapors and to provide protection for personnel attempting to stop a leak. Water spray may be used to flush spills away from sources of potential ignition.

Products of combustion may contain carbon monoxide, carbon dioxide, and other toxic materials. Do not enter enclosed or confined space without proper protective equipment including respiratory protection.

6. ACCIDENTAL RELEASE MEASURES

Safeguards (Personnel)

NOTE: Review FIRE FIGHTING MEASURES and HANDLING (PERSONNEL) sections before proceeding with clean-up. Use appropriate PERSONAL PROTECTIVE EQUIPMENT during clean-up.

Remove source of heat, sparks, flame, impact, friction and electricity including internal combustion engines and power tools. If equipment is used for spill cleanup, it must be explosion proof and suitable for flammable liquid and vapor.

NOTE: Vapors released from the spill may create an explosive atmosphere.

Initial Containment

Dike spill. Prevent material from entering sewers, waterways, or low areas.

Spill Clean Up

Soak up with sawdust, sand, oil dry or other absorbent material.

7. HANDLING AND STORAGE

Handling (Personnel)

Avoid breathing vapors or mist. Avoid contact with eyes, skin, or clothing. Wash thoroughly after handling. Wash clothing after use.

Handling (Physical Aspects)

Ground container when pouring. Keep away from heat, sparks and flames. Close container after each use. Do not pressurize, cut, weld, braze, solder, grind, or drill on or near full or empty container. Empty container retains residue (liquid and/or vapor)

and may explode in heat of fire.

Storage

Store in a well ventilated place. Keep container tightly closed. Store in accordance with National Fire Protection Association recommendations. Store away from heat, sparks and flames, oxidizers.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls

Use only with adequate ventilation. Keep container tightly closed.

Personal Protective Equipment

RESPIRATORY PROTECTION

Select appropriate NIOSH-approved respiratory protective equipment when exposed to sprays or mists. Select appropriate NIOSH -approved respiratory protection where necessary to maintain exposures below acceptable limits. Proper respirator selection should be determined by adequately trained personnel and based on the contaminant(s), the degree of potential exposure, and published respirator protection factors.

PROTECTIVE GLOVES

Should be worn when the potential exists for prolonged or repeated skin contact. NBR or neoprene recommended.

EYE PROTECTION

Safety glasses with side shields. Chemical splash goggles or face shield for spray/mists or if splashing can occur.

OTHER PROTECTIVE EQUIPMENT

Coveralls with long sleeves if splashing is probable.

Applicable Exposure Limits

Petroleum distillate standard applies.

PEL (OSHA) : 500 ppm, 2000 mg/m3, 8 Hr. TWA

TLV (ACGIH) : None Established

Diesel Fuel, as total hydrocarbons

PEL (OSHA) : Not Established

TLV (ACGIH) : 100 mg/m3 (vapor & aerosol); skin, A3

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical Data

Boiling Point	: 350-690 F (177-366 C)
Vapor Pressure	: 1 mm Hg @ 68 F (20 C)
Vapor Density	: >1 (Air=1.0)
% Volatiles	: Nil
Solubility in Water	: Insoluble
Odor	: Aromatic.
Form	: Liquid.
Color	: Red or Undyed (Clear or Straw-Colored)
Specific Gravity	: 0.84-0.88 @ 60 F (16 C))

10. STABILITY AND REACTIVITY

Chemical Stability

Stable at normal temperatures and storage conditions.

Conditions to Avoid

Heat, sparks, and flames.

Incompatibility with Other Materials

Incompatible or can react with strong oxidizers.

Decomposition

Carbon monoxide may be formed from incomplete combustion.

Polymerization

Polymerization will not occur.

11. TOXICOLOGICAL INFORMATION

Animal Data

Animal studies have shown that prolonged or repeated inhalation exposures to high concentrations of some petroleum distillates have caused liver tumors in mice and kidney damage and tumors in male rats. However, kidney effects were not seen in similar studies involving female rats, guinea pigs, dogs, or monkeys. Present studies indicate the kidney effects will only occur in male rats. Also, human studies do not indicate this peculiar sensitivity for kidney damage and studies reported in 1992 showed that this particular type of rat kidney damage is not useful in predicting a human health hazard. The significance of liver tumors in mice exposed to high doses of chemicals is highly speculative and probably not a good indicator for predicting a potential human carcinogenic hazard.

Mouse skin painting studies have shown that petroleum middle distillates (boiling range 100-700 F; naphtha, jet fuel, diesel fuel, kerosene, etc.) can cause skin cancer when repeatedly applied and never washed from the animal's skin. The relative significance of this to human health is uncertain since the petroleum distillates were not washed from the skin and resulting skin effects (irritation, cell damage, etc.) may play a role in the tumorigenic response. A few studies have shown that washing the animal's skin with soap and water between treatments greatly reduces the carcinogenic effect of some petroleum oils. Other laboratory studies indicate that middle distillates caused the skin tumors by promoting, rather than initiating, the formation of tumors, so the effect is probably dose-related and low level exposure should not be carcinogenic.

Studies in mice and rats have shown that chronic exposure (8 hours/day, 7 days/week, 24 months) to unfiltered diesel exhaust produced tumors of the lungs and also lymphomas. On the basis of these studies, NIOSH recommends that whole diesel exhaust be regarded as a potential carcinogen. The National Toxicology Program (NTP) listed diesel exhaust particulates as "reasonably anticipated to be a human carcinogen" (Report on Carcinogens, 9th edition, 2001).

Acute toxicity data from studies supported by the American Petroleum Institute with a generic #2 fuel oil sample:

Oral, LD50 (rats)	: 7-21 mL/kg
Skin, LD50 (rabbits)	: >5 mL/kg
Skin Irritation (rabbits; index, 0-8)	: 3-4
Eye Irritation (rabbits; index, 0-110)	: 1
Skin Sensitization (guinea pigs)	: Non-sensitizing

12. ECOLOGICAL INFORMATION

Ecotoxicological Information

No specific aquatic data available for this product.

13. DISPOSAL CONSIDERATIONS

Waste Disposal

Treatment, storage, transportation, and disposal must be in accordance with applicable Federal, State/Provincial, and Local regulations. Do not flush to surface water or sanitary sewer system.

By itself, the liquid is expected to be a RCRA ignitable hazardous waste.

Container Disposal

Empty drums should be completely drained, properly bunged, and promptly shipped to the supplier or a drum reconditioner. All other containers should be disposed of in an environmentally safe manner.

14. TRANSPORTATION INFORMATION

Shipping Information

DOT

Proper Shipping Name	: Diesel fuel
Hazard Class	: Combustible liquid
I.D. No. (UN/NA)	: NA1993
Packing Group	: III
DOT Label(s)	: None
DOT Placard	: Combustible

ICAO/IMDG

Proper Shipping Name	: Gas Oil
Hazard Class	: 3
UN/NA Number	: UN1202
Packing Group	: III
Label	: Flammable liquid
Placard	: Flammable

15. REGULATORY INFORMATION

U.S. Federal Regulations

OSHA HAZARD DETERMINATION

This material is hazardous as defined by OSHA's Hazard Communication Standard, 29 CFR 1910.1200.

CERCLA/SUPERFUND

Not applicable; this material is covered by the CERCLA petroleum exclusion.

SARA, TITLE III, 302/304

This material is not known to contain extremely hazardous substances.

SARA, TITLE III, 311/ 312

Acute	: Yes
Chronic	: Yes

Fire : Yes
Reactivity : No
Pressure : No

SARA, TITLE III, 313

This material is not known to contain any chemical(s) at a level of 1.0% or greater (0.1% for carcinogens) on the list of Toxic Chemicals and subject to release reporting requirements.

TSCA

This material is in the TSCA Inventory of Chemical Substances (40 CFR 710) and/or is otherwise in compliance with TSCA.

RCRA

This material, when discarded or disposed of, is not specifically listed as a hazardous waste in Federal regulations; however, it meets criteria for being ignitable according to U. S. EPA definitions (40 CFR 261). This material could also become a hazardous waste if it is mixed with or comes in contact with a listed hazardous waste. If it is a hazardous waste, regulations at 40 CFR 262-266 and 268 may apply.

CLEAN WATER ACT

The material contains the following ingredient(s) which is considered hazardous if spilled into navigable waters and therefore reportable to the National Response Center (1-800-424-8802).

Ingredient : Petroleum Hydrocarbons.
Reportable Quantity : Film or sheen upon or discoloration of any water surface.

State Regulations (U.S.)

CALIFORNIA "PROP 65"

This material is not known to contain any ingredient(s) subject to the Act.

PENNSYLVANIA WORKER & COMMUNITY RIGHT TO KNOW ACT

This material may contain the following ingredient(s) subject to the Pennsylvania Worker and Community Right to Know Hazardous Substances List.

Ingredient : Diesel Fuel Oil
Category : Hazardous Substance.

Canadian Regulations

CLASS B Division 3 - Combustible Liquid.
CLASS D Division 2 Subdivision B - Toxic Material.
Chronic Toxic Effects.

16. OTHER INFORMATION

Additional Information: None.

The data in this Material Safety Data Sheet relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process.

Prepared By : DNA - SHE
Conoco Inc.
Address : PO Box 2197

Houston, TX 77252

Telephone : 1-281-293-4386

# Indicates updated section.

End of MSDS

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
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1220 S. St. Francis Dr., Santa Fe, NM 87505

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OIL CONSERVATION DIVISION

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-138
Revised March 17, 1999

Submit Original
Plus 1 Copy
to Appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☐ Non-Exempt: ☒ — 2927 Verbal Approval Received: Yes ☒ No ☒	4. Generator: Weatherford (UBS) 5. Originating Site: SJ 28-6 #101M
2. Management Facility Destination: Envirotech Soil Remediation Facility, Landfarm #2	6. Transporter: TBA
3. Address of Facility Operator: 5796 U.S. Highway 64, Farmington, NM 87401	8. State: New Mexico
7. Location of Material (Street Address or ULSTR) "I", Sec. 14, T28N, R6W, Rio ArribaCounty.	Project # 91327-002

9. Circle One:

A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job.

B. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved

All transporters must certify the wastes delivered are only those consigned for transport.

BRIEF DESCRIPTION OF MATERIAL:

#2 Diesel contaminated soil resulting when an employee was bleeding air from a fuel day tank on a compressor went to sleep causing approx. 200-300gals of diesel fuel to spill on the ground.
CWS, and MSDS attached

Estimated Volume _____cy Known Volume (to be entered by the operator at the end of the haul) _____cy

SIGNATURE Brandon Powell TITLE: Landfarm Manager DATE: April 13, 2005
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: Brandon Powell TELEPHONE NO: (505) 632-0615

(This space for State Use)

APPROVED BY: Denny Foust TITLE: Enviro/Engr DATE: 4/15/05

APPROVED BY: Ed Martin TITLE: ENVIRO. ENGR. DATE: 4-20-05

District I
1625 N. French Dr., Hobbs, NM 88240
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REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☐ Non-Exempt: ☒ Verbal Approval Received: Yes ☐ No ☒	4. Generator: Conoco Phillips 5. Originating Site: FC State Com #20
2. Management Facility Destination: Envirotech Soil Remediation Facility, Landfarm #2	6. Transporter: TBA
3. Address of Facility Operator: 5796 U.S. Highway 64, Farmington, NM 87401	8. State: New Mexico
7. Location of Material (Street Address or ULSTR) "B" Sec 2, T30N, R8W, San Juan County	Project #96052-272

9. Circle One:

A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job.

B. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved

All transporters must certify the wastes delivered are only those consigned for transport.

BRIEF DESCRIPTION OF MATERIAL:

Accept soil stained with compressor oil discovered when changing out a compressor on this location.
CWS and Analytical attached.

Estimated Volume _____cy Known Volume (to be entered by the operator at the end of the haul) _____cy

SIGNATURE Brandon Powell TITLE: Landfarm Manager DATE: April 14, 2005
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: Brandon Powell TELEPHONE NO: (505) 632-0615

(This space for State use)

APPROVED BY: Denny Foust TITLE: Envir/Engr DATE: 4/18/05

APPROVED BY: Bill Martin TITLE: Envir. Engr. DATE: 5/2/05

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
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State of New Mexico
Energy Minerals and Natural Resources

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REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☐ Non-Exempt: ☒ Verbal Approval Received: Yes ☐ No ☒	4. Generator: Conoco Phillips 5. Originating Site: FC State Com #20
2. Management Facility Destination: Envirotech Soil Remediation Facility, Landfarm #2	6. Transporter: TBA
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7. Location of Material (Street Address or ULSTR) "B" Sec 2, T30N, R8W, San Juan County	Project #96052-272

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All transporters must certify the wastes delivered are only those consigned for transport.

BRIEF DESCRIPTION OF MATERIAL:

Accept soil stained with compressor oil discovered when changing out a compressor on this location.
CWS and Analytical attached.

Estimated Volume _____cy Known Volume (to be entered by the operator at the end of the haul) _____cy

SIGNATURE Brandon Powell TITLE: Landfarm Manager DATE: April 14, 2005
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: Brandon Powell TELEPHONE NO: (505) 632-0615

(This space for State Use)

APPROVED BY: Denny Foust TITLE: Enviro/Engr DATE: 4/18/05

APPROVED BY: _____ TITLE: _____ DATE: _____

NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON
Governor
Joanna Prukop
Cabinet Secretary

Lori Wrotenbery
Director
Oil Conservation Division

CERTIFICATE OF WASTE STATUS

1. Generator Name and Address	2. Destination Name:
ConocoPhillips Company 5525 Hwy. 64 Farmington, NM 87401	Envirotech Inc. Soil Remediation Facility Landfarm #2 Hilltop, New Mexico
3. Originating Site (name): FC State Com #20 API # 30-045-27731 attach list of originating sites as appropriate	Location of the Waste (Street address &/or ULSTR): Unit B, Section 2, T30N, R8W 990' FNL & 1450' FEL San Juan County, New Mexico
4. Source and Description of Waste Approximately 20 cubic yards soil stained with compressor oil discovered when changing out a compressor on this location. TCLP analysis performed on 3/22/05 revealed non-detect levels of mercury, arsenic, barium, cadmium, chromium, lead, selenium, and silver.	

I, Monica D. Olson representative for :
Print Name

ConocoPhillips Company do hereby certify that, according to the Resource Conservation and Recovery Act (RCRA) and Environmental Protection Agency's July, 1988, regulatory determination, the above described waste is: (Check appropriate classification)

____ **EXEMPT** oilfield waste

_X_ **NON-EXEMPT** oilfield waste which is non-hazardous by characteristic analysis or by product identification

and that nothing has been added to the exempt or non-exempt non –hazardous waste defined above.

For **NON-EXEMPT** waste the following documentation is attached (check appropriate items):

___ MSDS Information
_X_ RCRA Hazardous Waste Analysis
___ Chain of Custody
___ Other (description

This waste is in compliance with Regulated Levels of Naturally Occurring Radioactive Material (NORM) pursuant to 20 NMAC 3.1 subpart 1403.C and D.

Name (Original Signature): Monica D. Olson

Title: Environmental Analyst / HSE & Regulatory Technician

Phone Number: 505-599-3458

Date: April 14, 2005

CHAIN OF CUSTODY RECORD

13746

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
Conoco Phillips	E.C. State, Com #20	
Sampler: Carlos Chavez	Client No. 96052-026-	

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	TCLP metals						Remarks
Comp. pit	322	15:30pm	32440	Soil	1	✓						

elinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Carlos Chavez	3/23/05	06:30		3/23/05	06:30
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

ENVIROTECH INC.

5796 U.S. Highway 64
Farmington, New Mexico 87401
(505) 632-0615

Sample Receipt	Y	N	N/A
Received Intact	✓		
Cool - Ice/Blue Ice	✓		

Hall Environmental Analysis Laboratory

Date: *04-Apr-05*

CLIENT:	Envirotech	**Client Sample ID:**	32440/Comp Pit
Lab Order:	0503236	**Collection Date:**	3/22/2005 3:30:00 PM
Project:	Conoco Phillips		
Lab ID:	0503236-01	**Matrix:**	EXTRACT

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
MERCURY, TCLP LEACHED						Analyst: CMC
Mercury	ND	0.020		mg/L	1	4/1/2005
EPA METHOD 6010C: TCLP METALS						Analyst: NMO
Arsenic	ND	5.0		mg/L	1	4/4/2005 12:44:21 PM
Barium	ND	100		mg/L	1	4/4/2005 12:44:21 PM
Cadmium	ND	1.0		mg/L	1	4/4/2005 12:44:21 PM
Chromium	ND	5.0		mg/L	1	4/4/2005 12:44:21 PM
Lead	ND	5.0		mg/L	1	4/4/2005 12:44:21 PM
Selenium	ND	1.0		mg/L	1	4/4/2005 12:44:21 PM
Silver	ND	5.0		mg/L	1	4/4/2005 12:44:21 PM

Qualifiers:

- ND - Not Detected at the Reporting Limit
- J - Analyte detected below quantitation limits
- B - Analyte detected in the associated Method Blank
- * - Value exceeds Maximum Contaminant Level
- S - Spike Recovery outside accepted recovery limits
- R - RPD outside accepted recovery limits
- E - Value above quantitation range

CLIENT: Envirotech
Work Order: 0503236
Project: Conoco Phillips

QC SUMMARY REPORT
Method Blank

Sample ID MB-7691	Batch ID: 7691	Test Code: SW7470	Units: mg/L	Analysis Date 4/1/2005	Prep Date 4/1/2005
Client ID:		Run ID: MI-LA254_050401A		SeqNo: 348571	

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	ND	0.02									

Sample ID MB-7690	Batch ID: 7690	Test Code: SW1311/6010	Units: mg/L	Analysis Date 4/4/2005 12:26:44 PM	Prep Date 4/1/2005
Client ID:		Run ID: ICP_050404A		SeqNo: 348880	

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	ND	5									
Barium	ND	100									
Cadmium	ND	1									
Chromium	ND	5									
Lead	ND	5									
Selenium	ND	1									
Silver	ND	5									

217

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

J

Hall Environmental Analysis Laboratory

Date: *04-Apr-05*

CLIENT: Envirotech
Work Order: 0503236
Project: Conoco Phillips

QC SUMMARY REPORT
Sample Duplicate

Sample ID 0503236-01A DUP Batch ID: 7691 Test Code: SW7470 Units: mg/L Analysis Date 4/1/2005 Prep Date 4/1/2005

Client ID: 32440/Comp Pit Run ID: MI-LA254_050401A SeqNo: 348574

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	ND	0.02	0	0	0	0	0	0	0	20	

317

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

1

Hall Environmental Analysis Laboratory

Date: *04-Apr-05*

CLIENT: Envirotech
Work Order: 0503236
Project: Conoco Phillips

QC SUMMARY REPORT
Sample Matrix Spike

Sample ID	0503236-01A MS	Batch ID: 7691	Test Code: SW7470		Units: mg/L		Analysis Date 4/1/2005			Prep Date 4/1/2005	
Client ID:	32440/Comp Pit		Run ID: MI-LA254_050401A				SeqNo: 348575				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.004661	0.002	0.005	0	93.2	75	125	0			

Sample ID	0503236-01A MSD	Batch ID: 7691	Test Code: SW7470		Units: mg/L		Analysis Date 4/1/2005			Prep Date 4/1/2005	
Client ID:	32440/Comp Pit		Run ID: MI-LA254_050401A				SeqNo: 348576				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.005149	0.002	0.005	0	103	75	125	0.004661	9.95	20	

4 / 7

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

1

Hall Environmental Analysis Laboratory

Date: *04-Apr-05*

CLIENT: Envirotech
Work Order: 0503236
Project: Conoco Phillips

QC SUMMARY REPORT
Laboratory Control Spike - generic

Sample ID LCS-7691	Batch ID: 7691	Test Code: SW7470	Units: mg/L	Analysis Date 4/1/2005	Prep Date 4/1/2005
Client ID:		Run ID: MI-LA254_050401A		SeqNo: 348572	

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.00481	0.002	0.005	0	96.2	80	120	0			

Sample ID LCSD-7691	Batch ID: 7691	Test Code: SW7470	Units: mg/L	Analysis Date 4/1/2005	Prep Date 4/1/2005
Client ID:		Run ID: MI-LA254_050401A		SeqNo: 348577	

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.004335	0.002	0.005	0	86.7	80	120	0.00481	10.4	20	

Sample ID LCS-7690	Batch ID: 7690	Test Code: SW1311/6010	Units: mg/L	Analysis Date 4/4/2005 12:29:06 PM	Prep Date 4/1/2005
Client ID:		Run ID: ICP_050404A		SeqNo: 348881	

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	0.5851	0.2	0.5	0	117	80	120	0			
Barium	0.4789	0.2	0.5	0	95.8	80	120	0			
Cadmium	0.5361	0.2	0.5	0	107	80	120	0			
Chromium	0.4846	0.2	0.5	0	96.9	80	120	0			
Lead	0.4625	0.2	0.5	0	92.5	80	120	0			
Selenium	0.564	0.2	0.5	0	113	80	120	0			
Silver	0.5501	0.2	0.5	0	110	80	120	0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

CLIENT: Envirotech
Work Order: 0503236
Project: Conoco Phillips

QC SUMMARY REPORT
Laboratory Control Spike Duplicate

Sample ID **LCSD-7690** Batch ID: 7690 Test Code: **SW1311/6010** Units: mg/L Analysis Date **4/4/2005 12:33:52 PM** Prep Date **4/1/2005**
Client ID: Run ID: **ICP_050404A** SeqNo: **348882**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	0.5748	0.2	0.5	0	115	80	120	0.5851	1.78	20	
Barium	0.4685	0.2	0.5	0	93.7	80	120	0.4789	2.19	20	
Cadmium	0.524	0.2	0.5	0	105	80	120	0.5361	2.29	20	
Chromium	0.4726	0.2	0.5	0	94.5	80	120	0.4846	2.51	20	
Lead	0.4507	0.2	0.5	0	90.1	80	120	0.4625	2.59	20	
Selenium	0.5694	0.2	0.5	0	114	80	120	0.564	0.964	20	
Silver	0.5385	0.2	0.5	0	108	80	120	0.5501	2.12	20	

6 / 7

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

Hall Environmental Analysis Laboratory

Sample Receipt Checklist

Client Name ENV T | Date and Time Received:

Work Order Number 0503236 | Received by AMG

Checklist completed by Signature 3/25/05 Date

Matrix | Carrier name Greyhound

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐	
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☑	Not Shipped ☐
Custody seals intact on sample bottles?	Yes ☑	No ☐	N/A ☐	
Chain of custody present?	Yes ☑	No ☐		
Chain of custody signed when relinquished and received?	Yes ☑	No ☐		
Chain of custody agrees with sample labels?	Yes ☑	No ☐		
Samples in proper container/bottle?	Yes ☑	No ☐		
Sample containers intact?	Yes ☑	No ☐		
Sufficient sample volume for indicated test?	Yes ☑	No ☐		
All samples received within holding time?	Yes ☑	No ☐		
Water - VOA vials have zero headspace?	No VOA vials submitted ☑	Yes ☐	No ☐	
Water - pH acceptable upon receipt?	Yes ☑	No ☐	N/A ☐	
Container/Temp Blank temperature?	17°	*4° C ± 2 Acceptable* If given sufficient time to cool.		

COMMENTS:

Client contacted _____ Date contacted: _____ Person contacted _____

Contacted by: _____ Regarding _____

Comments: _____

Corrective Action _____

CHAIN-OF-CUSTODY RECORD

QA / QC Package:
Std ☐ Level 4 ☐
Other:

HALL ENVIRONMENTAL ANALYSIS LABORATORY
4901 Hawkins NE, Suite D
Albuquerque, New Mexico 87109
Tel. 505.345.3975 Fax 505.345.4107
www.hallenvironmental.com

Client: Envirotech

Address: 5796 Hwy 64
Farmington, NM 87410

email: tajeman@envirotech-inc.com

Phone #: 505-632-0615

Fax #: 505-632-1865

Project Name: ConocoPhillips

Project #: 96052-026

Project Manager: Dennis Ajeman

Sampler: Carlos Chavez

Sample Temperature: 17.0

Date	Time	Matrix	Sample I.D. No.	Number/Volume	Preservative $HgCl_2$	Preservative HNO_3	Preservative	HEAL No.
3/22/05	1530	Soil Extract	32440/comp.t	500ml ~~4oz~~		X		0503236 1

ANALYSIS REQUEST

BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gasoline Only)	TPH Method 8015B (Gas/Diesel)	TPH (Method 418.1)	EDB (Method 504.1)	EDC (Method 8021)	8310 (PNA or PAH)	RCRA 8 Metals (TCLP)	Anions (F, Cl, NO_3, NO_2, PO_4, SO_4)	8081 Pesticides / PCB's (8082)	8260B (VOA)	8270 (Semi-VOA)					Air Bubbles or Headspace (Y or N)
							X									

Date	Time	Relinquished By: (Signature)	Received By: (Signature)
3/24/05	7:30	M Bashardt	C Gonzales 3/25/05 0930
Date:	Time:	Relinquished By: (Signature)	Received By: (Signature)

Remarks:
Ref PO# E5651
Please email results, not fax

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

RECEIVED
FEB 25 2005
Oil Conservation Division
1220 S. St. Francis Drive
Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-138
Revised March 17, 1999

Submit Original
Plus 1 Copy
to Appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☐ Non-Exempt: ☒ Verbal Approval Received: Yes ☒ No ☐ Per Denny Foust on 2/9/05	4. Generator: Rental Service Corp.
	5. Originating Site: North East Blanco Unit #408
2. Management Facility Destination: Envirotech Soil Remediation Facility, Landfarm #2	6. Transporter: Envirotech
3. Address of Facility Operator: 5796 U.S. Highway 64, Farmington, NM 87401	8. State: New Mexico
7. Location of Material (Street Address or ULSTR) "A", Sec 20, T31N, R7W, San Juan County	Project # 99050-006

9. Circle One:

A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job.

B. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved

All transporters must certify the wastes delivered are only those consigned for transport.

BRIEF DESCRIPTION OF MATERIAL:

Accept diesel contaminated soil resulting from a 150 gallon diesel spill caused by a fuel line not being connected.

CWS and MSDS attached

FEB 2005

Estimated Volume _____cy Known Volume (to be entered by the operator at the end of the haul) _____cy

SIGNATURE _____ TITLE: Landfarm Manager DATE: February 9, 2005
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: Brandon Powell TELEPHONE NO: (505) 632-0615

(This space for State Use)

APPROVED BY: Denny Foust TITLE: _____ DATE: 2/22/05

APPROVED BY: Ed Martin TITLE: Enviro. Engr. DATE: 2-28-05

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
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1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
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District Office

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	5. Originating Site: North East Blanco Unit #408
2. Management Facility Destination: Envirotech Soil Remediation Facility, Landfarm #2	6. Transporter: Envirotech
3. Address of Facility Operator: 5796 U.S. Highway 64, Farmington, NM 87401	8. State: New Mexico
7. Location of Material (Street Address or ULSTR) "A", Sec 20, T31N, R7W, San Juan County	Project # 99050-006

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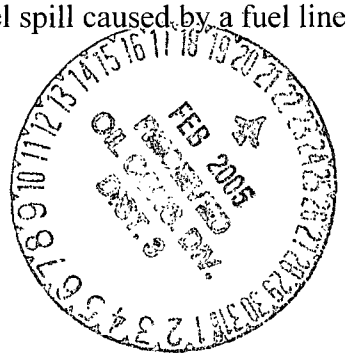
CWS and MSDS attached



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SIGNATURE _____ TITLE: Landfarm Manager DATE: February 9, 2005
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: Brandon Powell TELEPHONE NO: (505) 632-0615

(This space for State Use)

APPROVED BY: Denny Foust TITLE: _____ DATE: 2/22/05

APPROVED BY: _____ TITLE: _____ DATE: _____

NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON
Governor
Joanna Prukop
Cabinet Secretary

Lori Wrotenbery
Director
Oil Conservation Division

FEB 2005 RECEIVED OIL CONS. DIV. DIST. 3

CERTIFICATE OF WASTE STATUS

1. Generator Name and Address	2. Destination Name:
Rental Service Corp. 171 Browning Parkway Farmington, New Mexico 87401	Envirotech Inc. Soil Remediation Facility Landfarm #2 Hilltop, New Mexico
3. Originating Site (name): Northeast Blanco Unit #408 attach list of originating sites as appropriate	Location of the Waste (Street address &/or ULSTR): Unit "A" Sec. 20, T31N, R7W San Juan County, New Mexico
4. Source and Description of Waste 5. Diesel contaminated soil resulting from a 150 gallon diesel spill caused by a fuel line not being connected.	

I, ~~Sam Velasquez~~ JoJo Gomez representative for :
Print Name

Rental Service Corp. do hereby certify that, according to the Resource Conservation and Recovery Act (RCRA) and Environmental Protection Agency's July,1988, regulatory determination, the above described waste is: (Check appropriate classification)

____ **EXEMPT** oilfield waste

__XX__ **NON-EXEMPT** oilfield waste which is non-hazardous by characteristic analysis or by product identification

and that nothing has been added to the exempt or non-exempt non –hazardous waste defined above.

For **NON-EXEMPT** waste the following documentation is attached (check appropriate items):

__X__ MSDS Information
___ RCRA Hazardous Waste Analysis
___ Chain of Custody
____ Other (description

This waste is in compliance with Regulated Levels of Naturally Occurring Radioactive Material (NORM) pursuant to 20 NMAC 3.1 subpart 1403.C and D.

Name (Original Signature): J Gomez

Title: Manager

Phone Number: 505-324-8620

Date: 2-21-05

Material Safety Data Sheet

NO. 2 DIESEL FUEL

1. CHEMICAL PRODUCT/COMPANY IDENTIFICATION

NO. 2 DIESEL FUEL

MSDS Code: GASC0220 Revised: 09 May 2002

CAS Number: 68476-34-6

Tradenames: Diesel Fuel No. 2, Low Sulfur
Diesel Fuel No. 2, High Sulfur

MANUFACTURER/DISTRIBUTOR
Conoco Inc.
PO Box 2197
Houston, TX 77252

PHONE NUMBERS
Product Information : 1-281-293-5550
Transport Emergency : CHEMTREC 1-800-424-9300 or
1-703-527-3887 (international; call collect)
Medical Emergency : 1-800-342-5119 or 1-281-293-5119
WEB SITE : www.conoco.com

2. COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS Number	%
Diesel Fuel, No. 2	68476-34-6	100

Note
Sulfur content: <0.05 wt.% in low sulfur fuel
<0.5 wt.% in high sulfur fuel

Exposure limits
Petroleum distillate standard applies. (See Section 8.)

3. HAZARDS IDENTIFICATION

--- EMERGENCY OVERVIEW ---

APPEARANCE / ODOR
Red or Undyed (Clear or Straw-Colored) Liquid / Aromatic Odor

OSHA REGULATORY STATUS
This material is hazardous as defined under OSHA regulations.
Combustible.
See below for health effects.

HMIS RATING:	Health:	1;	Flammability:	2;	Physical Hazard:	0.
NFPA RATING:	Health:	1;	Flammability:	2;	Instability:	0.

Potential Health Effects
Primary Routes of Entry: Skin, inhalation

The product may cause irritation to the eyes, nose, throat, lungs, and skin after prolonged or repeated exposure. Extreme overexposure or aspiration into the lungs may cause lung damage or death. Overexposure may cause weakness, headache, nausea, confusion, blurred vision, drowsiness, and other nervous system effects; greater overexposure may cause dizziness, slurred speech, flushed face, unconsciousness, and convulsions.

Combustion Product - Carbon Monoxide:
Carbon monoxide decreases the ability of the blood to carry oxygen. Inhalation may cause headache, nausea, rapid respirations, vomiting, dizziness, confusion, impaired judgment, personality changes, memory impairment, weakness, shortness of breath, unconsciousness, convulsions and death if not treated. It may cause chest pains in persons with heart disease. Carbon monoxide poisoning can cause pallor (whiteness) or cyanosis (blueness) of the skin and extremities.
High exposures to carbon monoxide may cause heart irregularities. Carbon monoxide may adversely affect the unborn babies of pregnant women.

Carcinogenicity Information
None of the components present in this material at concentrations equal to or greater than 0.1% are listed by IARC, NTP, OSHA or ACGIH as a carcinogen.

4. FIRST AID MEASURES

First Aid
INHALATION
If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician.

SKIN CONTACT
Wash skin thoroughly with soap and water. If irritation develops and persists, consult a physician.

EYE CONTACT
In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Call a physician.

INGESTION
If swallowed, do not induce vomiting. Immediately give 2 glasses of water. Never give anything by mouth to an unconscious person. Call a physician.

Notes to Physicians
Activated charcoal mixture may be administered. To prepare activated charcoal mixture, suspend 50 grams activated charcoal in 400 mL water and mix thoroughly. Administer 5 mL/kg, or 350 mL for an average adult.

5. FIRE FIGHTING MEASURES

Flammable Properties

Flash Point	: 130 F (54 C)
Method	: PMCC
Flammable limits in Air, % by Volume	
LEL	: 0.4
UEL	: 6
Autoignition	: 494 F (257 C)

Vapor forms explosive mixture with air. Vapors or gases may travel considerable distances to ignition source and flash back.

Extinguishing Media

Water Spray, Foam, Dry Chemical, CO2.

Fire Fighting Instructions

Use water to keep fire-exposed containers cool. If a leak or spill has not ignited, use water spray to disperse the vapors and to provide protection for personnel attempting to stop a leak. Water spray may be used to flush spills away from sources of potential ignition.

Products of combustion may contain carbon monoxide, carbon dioxide, and other toxic materials. Do not enter enclosed or confined space without proper protective equipment including respiratory protection.

6. ACCIDENTAL RELEASE MEASURES

Safeguards (Personnel)

NOTE: Review FIRE FIGHTING MEASURES and HANDLING (PERSONNEL) sections before proceeding with clean-up. Use appropriate PERSONAL PROTECTIVE EQUIPMENT during clean-up.

Remove source of heat, sparks, flame, impact, friction and electricity including internal combustion engines and power tools. If equipment is used for spill cleanup, it must be explosion proof and suitable for flammable liquid and vapor.

NOTE: Vapors released from the spill may create an explosive atmosphere.

Initial Containment

Dike spill. Prevent material from entering sewers, waterways, or low areas.

Spill Clean Up

Soak up with sawdust, sand, oil dry or other absorbent material.

7. HANDLING AND STORAGE

Handling (Personnel)

Avoid breathing vapors or mist. Avoid contact with eyes, skin, or clothing. Wash thoroughly after handling. Wash clothing after use.

Handling (Physical Aspects)

Ground container when pouring. Keep away from heat, sparks and flames. Close container after each use. Do not pressurize, cut, weld, braze, solder, grind, or drill on or near full or empty container. Empty container retains residue (liquid and/or vapor)

and may explode in heat of fire.

Storage
Store in a well ventilated place. Keep container tightly closed. Store in accordance with National Fire Protection Association recommendations. Store away from heat, sparks and flames, oxidizers.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls
Use only with adequate ventilation. Keep container tightly closed.

Personal Protective Equipment

RESPIRATORY PROTECTION
Select appropriate NIOSH-approved respiratory protective equipment when exposed to sprays or mists. Select appropriate NIOSH -approved respiratory protection where necessary to maintain exposures below acceptable limits. Proper respirator selection should be determined by adequately trained personnel and based on the contaminant(s), the degree of potential exposure, and published respirator protection factors.

PROTECTIVE GLOVES
Should be worn when the potential exists for prolonged or repeated skin contact. NBR or neoprene recommended.

EYE PROTECTION
Safety glasses with side shields. Chemical splash goggles or face shield for spray/mists or if splashing can occur.

OTHER PROTECTIVE EQUIPMENT
Coveralls with long sleeves if splashing is probable.

Applicable Exposure Limits
Petroleum distillate standard applies.

PEL	(OSHA)	: 500 ppm, 2000 mg/m3, 8 Hr. TWA
TLV	(ACGIH)	: None Established

Diesel Fuel, as total hydrocarbons

PEL	(OSHA)	: Not Established
TLV	(ACGIH)	: 100 mg/m3 (vapor & aerosol); skin, A3

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical Data

Boiling Point	: 350-690 F (177-366 C)
Vapor Pressure	: 1 mm Hg @ 68 F (20 C)
Vapor Density	: >1 (Air=1.0)
% Volatiles	: Nil
Solubility in Water	: Insoluble
Odor	: Aromatic.
Form	: Liquid.
Color	: Red or Undyed (Clear or Straw-Colored)
Specific Gravity	: 0.84-0.88 @ 60 F (16 C))

10. STABILITY AND REACTIVITY

Chemical Stability

Stable at normal temperatures and storage conditions.

Conditions to Avoid
Heat, sparks, and flames.

Incompatibility with Other Materials
Incompatible or can react with strong oxidizers.

Decomposition
Carbon monoxide may be formed from incomplete combustion.

Polymerization
Polymerization will not occur.

11. TOXICOLOGICAL INFORMATION

Animal Data
Animal studies have shown that prolonged or repeated inhalation exposures to high concentrations of some petroleum distillates have caused liver tumors in mice and kidney damage and tumors in male rats. However, kidney effects were not seen in similar studies involving female rats, guinea pigs, dogs, or monkeys. Present studies indicate the kidney effects will only occur in male rats. Also, human studies do not indicate this peculiar sensitivity for kidney damage and studies reported in 1992 showed that this particular type of rat kidney damage is not useful in predicting a human health hazard. The significance of liver tumors in mice exposed to high doses of chemicals is highly speculative and probably not a good indicator for predicting a potential human carcinogenic hazard.

Mouse skin painting studies have shown that petroleum middle distillates (boiling range 100-700 F; naphtha, jet fuel, diesel fuel, kerosene, etc.) can cause skin cancer when repeatedly applied and never washed from the animal's skin. The relative significance of this to human health is uncertain since the petroleum distillates were not washed from the skin and resulting skin effects (irritation, cell damage, etc.) may play a role in the tumorigenic response. A few studies have shown that washing the animal's skin with soap and water between treatments greatly reduces the carcinogenic effect of some petroleum oils. Other laboratory studies indicate that middle distillates caused the skin tumors by promoting, rather than initiating, the formation of tumors, so the effect is probably dose-related and low level exposure should not be carcinogenic.

Studies in mice and rats have shown that chronic exposure (8 hours/day, 7 days/week, 24 months) to unfiltered diesel exhaust produced tumors of the lungs and also lymphomas. On the basis of these studies, NIOSH recommends that whole diesel exhaust be regarded as a potential carcinogen. The National Toxicology Program (NTP) listed diesel exhaust particulates as "reasonably anticipated to be a human carcinogen" (Report on Carcinogens, 9th edition, 2001).

Acute toxicity data from studies supported by the American Petroleum Institute with a generic #2 fuel oil sample:

Oral, LD50 (rats)	: 7-21 mL/kg
Skin, LD50 (rabbits)	: >5 mL/kg
Skin Irritation (rabbits; index, 0-8)	: 3-4
Eye Irritation (rabbits; index, 0-110)	: 1
Skin Sensitization (guinea pigs)	: Non-sensitizing

12. ECOLOGICAL INFORMATION

Ecotoxicological Information

No specific aquatic data available for this product.

13. DISPOSAL CONSIDERATIONS

Waste Disposal

Treatment, storage, transportation, and disposal must be in accordance with applicable Federal, State/Provincial, and Local regulations. Do not flush to surface water or sanitary sewer system.

By itself, the liquid is expected to be a RCRA ignitable hazardous waste.

Container Disposal

Empty drums should be completely drained, properly bunged, and promptly shipped to the supplier or a drum reconditioner. All other containers should be disposed of in an environmentally safe manner.

14. TRANSPORTATION INFORMATION

Shipping Information

DOT

Proper Shipping Name	: Diesel fuel
Hazard Class	: Combustible liquid
I.D. No. (UN/NA)	: NA1993
Packing Group	: III
DOT Label(s)	: None
DOT Placard	: Combustible

ICAO/IMDG

Proper Shipping Name	: Gas Oil
Hazard Class	: 3
UN/NA Number	: UN1202
Packing Group	: III
Label	: Flammable liquid
Placard	: Flammable

15. REGULATORY INFORMATION

U.S. Federal Regulations

OSHA HAZARD DETERMINATION

This material is hazardous as defined by OSHA's Hazard Communication Standard, 29 CFR 1910.1200.

CERCLA/SUPERFUND

Not applicable; this material is covered by the CERCLA petroleum exclusion.

SARA, TITLE III, 302/304

This material is not known to contain extremely hazardous substances.

SARA, TITLE III, 311/ 312

Acute	: Yes
Chronic	: Yes

Fire : Yes
Reactivity : No
Pressure : No

SARA, TITLE III, 313
This material is not known to contain any chemical(s) at a level of 1.0% or greater (0.1% for carcinogens) on the list of Toxic Chemicals and subject to release reporting requirements.

TSCA
This material is in the TSCA Inventory of Chemical Substances (40 CFR 710) and/or is otherwise in compliance with TSCA.

RCRA
This material, when discarded or disposed of, is not specifically listed as a hazardous waste in Federal regulations; however, it meets criteria for being ignitable according to U. S. EPA definitions (40 CFR 261). This material could also become a hazardous waste if it is mixed with or comes in contact with a listed hazardous waste. If it is a hazardous waste, regulations at 40 CFR 262-266 and 268 may apply.

CLEAN WATER ACT
The material contains the following ingredient(s) which is considered hazardous if spilled into navigable waters and therefore reportable to the National Response Center (1-800-424-8802).
Ingredient : Petroleum Hydrocarbons.
Reportable Quantity : Film or sheen upon or discoloration of any water surface.

State Regulations (U.S.)
CALIFORNIA "PROP 65"
This material is not known to contain any ingredient(s) subject to the Act.

PENNSYLVANIA WORKER & COMMUNITY RIGHT TO KNOW ACT
This material may contain the following ingredient(s) subject to the Pennsylvania Worker and Community Right to Know Hazardous Substances List.
Ingredient : Diesel Fuel Oil
Category : Hazardous Substance.

Canadian Regulations
CLASS B Division 3 - Combustible Liquid.
CLASS D Division 2 Subdivision B - Toxic Material.
Chronic Toxic Effects.

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16. OTHER INFORMATION

Additional Information: None.

The data in this Material Safety Data Sheet relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process.

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# Indicates updated section.

End of MSDS