

MATERIAL SAFETY DATA SHEET

SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Diesel Fuel; **SYNONYMS:** Diesel Fuel #1 - LS Dyed; Diesel Fuel #2 - DSL2, Off-Road, On-Road, HS-Dyed, LS-Dyed, LS-Undyed, LS Diesel; Winter Blend; Fuel Oil #2 - Diesel Fuel Oil, No. 2 Diesel Fuel Oil, Non-Hwy Dyed; Diesel Fuel - Premium, Super, Supreme, Powerblend, Non-Taxed LS Dyed; Additized; Russian Summer; Arctic; -10 and -35 F pour point depressed diesel; Lago; Burner Oil; Aleyska Turbine Fuel; Distillate - Mid; No. 2; Marine - Marine Gas Oil, MGO, DFM; Navy Fuel; F76; Marine Diesel Fuel (MDO); Intermediate Marine Fuel IF-30 to IF-460; IMF; RR Diesel Fuel - No. 40, No. 35, RR Power Fuel HS Off-Road; CARB Diesel Fuel - On-Road, Off-Road, Tax Exempt Blends, TF3, 10%; EPA - LS Diesel Fuel Dyed, Undyed, Off-Road HS Dyed - Ultra Low Sulfur Diesel



GENERAL USE: Fuel

PRODUCT DESCRIPTION: Liquid. Color varies, clear, yellow (pale to straw), red, blue, blue-green color. Petroleum odor.

MANUFACTURER'S NAME Tesoro Petroleum Companies, Inc.		DATE PREPARED: September 16, 2004	Page 1 of 5
		SUPERSEDES: May 23, 2002	
ADDRESS (NUMBER, STREET, P.O. BOX) 300 Concord Plaza Drive		TELEPHONE NUMBER FOR INFORMATION Tesoro Call Center (877) 783-7676	
(CITY, STATE AND ZIP CODE) San Antonio, TX 78216-6999		COUNTRY USA	EMERGENCY TELEPHONE NUMBER Chemtrec (800) 424-9300
DISTRIBUTOR'S NAME Same			
ADDRESS (NUMBER, STREET, P.O. BOX)		TELEPHONE NUMBER FOR INFORMATION	
(CITY, STATE AND ZIP CODE)		EMERGENCY TELEPHONE NUMBER	

SECTION 2 - HAZARDOUS INGREDIENTS

HAZARDOUS COMPONENTS	CAS #	%(by volume)	OSHA PEL		ACGIH TWA		SARA TITLE III	RQ LBS
			PPM	MG/M3	PPM	MG/M3		
Contains or May Contain:								
Diesel Fuel #2	68476-34-6	0 - 100	not established					
Fuel Oil #2	68476-30-2	0 - 100	not established					
Tower Residues, atmospheric	64741-45-3	0 - 100	not established					
Residues (petroleum), Vacuum	64741-56-6	0 - 100	not established					
Heavy catalytically cracked distillate (e,f,g)	64741-61-3	0 - 100		0.2		0.2		
Light thermally cracked distillate (h)	64741-59-9	0 - 100	not established					
Catalytically cracked clarified oil (e,g)	64741-62-4	0 - 100		0.2		0.2		
Xylene (mixed) (a,b,c)	1330-20-7	0 - 1.1	100	435	100		Yes	1000
Trimethylbenzene 1,2,4 (a)	95-63-6	0 - 1.2	25	125			Yes	
Nonane	111-84-2	0 - 1.1	200	1050	200			
Sulfur, precipitated	7704-34-9	0 - 5.0		15				
Naphthalene (a,b,c,d)	91-20-3	0 - 1	10	50	10		Yes	100
Red Dye	not specified	Trace						

(a,c) See Section 15

(b) Indicates that the Resource Conservation and Recovery Act (RCRA) has determined the waste for this chemical is listed as hazardous and must be handled according to regulations in 40 CFR 260-281.

(d) Product is listed or defined as a marine pollutant in IMDG Code or 49 CFR 172.101 Appendix B, List of Marine Pollutants and must be classified as an Environmentally Hazardous Substance, Class 9, in addition to any other defined hazards for this product.

(e) California Prop 65, Safe Drinking Water and Toxic Enforcement Act of 1986, chemicals known to the state to cause cancer or reproductive toxicity. A person in the course of doing business must warn others who may consume, come into contact with, or otherwise be exposed to this chemical.

(f) IARC has determined that residual fuels are possibly carcinogenic to humans. Handling procedures and safety precautions in the MSDS should be followed to minimize employee's exposure.

(g) IARC has determined there is sufficient evidence for the carcinogenicity of catalytically cracked oils.

(h) Kidney damage may result following aspiration pneumonitis. The results of animal bioassays on middle distillate fuels show that prolonged dermal contact produces a weak to moderate carcinogenic activity.

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SECTION 3 - HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Various colored liquid, potentially hazardous vapors. Flammable as defined by DOT and TDG. May be classified by DOT as Combustible. Classified as Combustible by OSHA. Can cause eye and skin irritation upon contact. Inhalation of vapors can cause anesthetic effect leading to death in poorly ventilated areas. Hazard symbols for this product - Xn Risk Phrases - R10 20 36/38

POTENTIAL HEALTH EFFECTS

INHALATION: High concentrations are irritating to the respiratory tract; may cause headache, dizziness, nausea, vomiting and malaise.

SKIN: Brief contact may cause slight irritation; prolonged contact may cause moderate irritation or dermatitis.

EYES: High vapor concentration or contact may cause irritation and discomfort.

INGESTION: May result in vomiting; aspiration of vomitus into the lungs must be avoided; DO NOT induce vomiting. Minute amounts aspirated into the lungs can produce severe lung injury, chemical pneumonitis, pulmonary edema or death.

CARCINOGENICITY NTP? No IARC MONOGRAPHS? No OSHA REGULATED? No
 This product contains a mixture of petroleum hydrocarbons called middle distillates. Because of this broad description, many products are considered middle distillates yet they are produced by a variety of different petroleum refining processes. Toxicology data developed on some middle distillates found that they caused positive responses in some mutagenicity tests and caused skin cancer when repeatedly applied to mice over their lifetime.

SECTION 4 - FIRST AID MEASURES

INHALATION: Remove affected person to fresh air; provide oxygen if breathing is difficult; if affected person is not breathing, administer CPR and seek emergency medical attention.

SKIN: Remove contaminated clothing; wash affected area with soap and water; launder contaminated clothing before reuse; if irritation persists, seek medical attention.

EYES: Remove contact lenses. Flush eyes with clear running water for 15 minutes while holding eyelids open; if irritation persists, seek medical attention.

INGESTION: DO NOT induce vomiting; if vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into lungs; seek immediate medical attention. Vomiting may be induced only under the supervision of a physician.

SECTION 5 - FIRE FIGHTING MEASURES

FLASH POINT (METHOD USED) 100° - 199° F (38° - 93° C) TCC	FLAMMABLE LIMITS LEL: 0.3%	UEL: 10.0%
	AUTOIGNITION TEMPERATURE: 350° - 625° F	NFPA CLASS: II

GENERAL HAZARDS: Product is considered combustible. Products of combustion include compounds of carbon, hydrogen and oxygen, including carbon monoxide.

EXTINGUISHING MEDIA
Carbon dioxide, water fog, dry chemical, chemical foam

FIRE FIGHTING PROCEDURES
Firefighters must wear full facepiece self - contained breathing apparatus in positive pressure mode. Do not use solid stream of water since stream will scatter and spread fire. Fine water spray can be used to keep fire - exposed containers cool.

UNUSUAL FIRE AND EXPLOSION HAZARDS
Closed containers can explode due to buildup of pressure when exposed to extreme heat. Do not use direct stream of water on pool fires as product may reignite on water surface. Caution - Material is combustible!

HAZARDOUS COMBUSTION PRODUCTS
Smoke, fumes, oxides of carbon

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SECTION 6 - ENVIRONMENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: COMBUSTIBLE. Evacuate and ventilate area; confine and absorb into absorbent; place material into approved containers for disposal; for spills in excess of allowable limits (RQ) notify the National Response Center (800) 424 - 8802; refer to CERCLA 40 CFR 302 and SARA Title III, Section 313 40 CFR 372 for detailed instructions concerning reporting requirements. Do not discharge into lakes, ponds, streams or public waters.

SECTION 7 - HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: This material is combustible. It should be stored in tightly closed containers in a cool, well ventilated area. Vapor may form explosive mixtures in air. All sources of ignition should be controlled. This material may be classified as COMBUSTIBLE by DOT unless transported by vessel or aircraft. Refer to 49 CFR 173.120. Keep this and other chemicals out of reach of children. Avoid inhaling concentrated fumes or vapors.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION**ENGINEERING CONTROLS**

The use of local exhaust ventilation is recommended to control emissions near the source. Provide mechanical ventilation of confined spaces. Use explosion-proof ventilation equipment. See Section 2 for Component Exposure Guidelines.

PERSONAL PROTECTION:

RESPIRATORY PROTECTION (SPECIFY TYPE): None required while threshold limits (Section 2) are kept below maximum allowable concentrations; if TWA exceeds limits, NIOSH approved respirator must be worn. Refer to 29 CFR 1910.134 or European Standard EN 149 for complete regulations.

PROTECTIVE GLOVES: Neoprene or rubber gloves with cuffs.

EYE PROTECTION: Protective eyeglasses or chemical safety goggles. Refer to 29 CFR 1910.133 or European Standard EN166.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Safety eyebath nearby

WORK / HYGIENIC PRACTICES: Practice safe workplace habits. Minimize body contact with this, as well as all chemicals in general.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

VAPOR PRESSURE (PSIA) < 0.5 PSIA @ 100° F	VAPOR DENSITY (AIR = 1) > 1
SPECIFIC GRAVITY @ 60° F (WATER = 1) 0.78 - 0.955	EVAPORATION RATE (WATER = 1) < 1
SOLUBILITY IN WATER Negligible, below 1.0%	FREEZING POINT - 51° F (- 46° C)
pH Not determined	APPEARANCE AND ODOR Liquid, clear, yellow (pale to straw), red, blue, blue-green, petroleum odor.
BOILING RANGE 30 - 806° F (1.1 - 430° C)	PHYSICAL STATE Liquid
VISCOSITY 1.7 - 40.0 cS @ 100°F	VOLATILE ORGANIC COMPOUNDS (Total VOC's) 6.75 lbs / gallon

SECTION 10 - STABILITY AND REACTIVITY

STABILITY UNSTABLE: STABLE: XXX	CONDITIONS TO AVOID: Extreme temperatures, open flames
INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizers, strong acids	
HAZARDOUS DECOMPOSITION OR BYPRODUCTS: Decomposition will not occur if handled and stored properly. In case of a fire, oxides of carbon, hydrocarbons, fumes, and smoke may be produced.	
HAZARDOUS POLYMERIZATION MAY OCCUR: WILL NOT OCCUR: XXX	CONDITIONS TO AVOID: None

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SECTION 11 - TOXICOLOGICAL INFORMATION

Hazardous Ingredients (All products may not be listed if information is not available)	CAS #	EINECS #	LD50 of Ingredient (Species and Route)	LC50 of Ingredient (Species)
Contains or May Contain:				
Diesel Fuel #2	68476-34-6	270-676-1	Not established	Not established
Fuel Oil #2	68476-30-2	270-671-4	Not determined	Not determined
Tower Residues, atmospheric	64741-45-3	265-045-2	Not established	Not established
Residues (petroleum), Vacuum	64741-56-6	265-057-8	Not established	Not established
Heavy catalytically cracked distillate (e,f,g)	64741-61-3	265-063-0	Not established	Not established
Light thermally cracked distillate (h)	64741-59-9	265-060-4	Not established	Not established
Catalytically cracked clarified oil (e,g)	64741-62-4	265-064-6	Not established	Not established
Xylene (mixed) (a,b,c)	1330-20-7	215-535-7	4300 mg / kg Oral - rat	5000 ppm / 4H Inhalation - rat
Trimethylbenzene 1,2,4 (a)	95-63-6	202-436-9	5 gm / kg Oral - mouse	18 gm / m3 / 4H Inhalation - rat
Nonane	111-84-2	203-913-4	218 mg / kg Oral - mouse	3200 ppm / 4H Inhalation - rat
Sulfur, precipitated	7704-34-9	231-722-6	Not available	Not available
Naphthalene (a,b,c,d)	91-20-3	202-049-5	1780 mg / kg Oral - rat	Not established
Red Dye	not specified	not specified	Not determined	Not determined

SECTION 12 - ECOLOGICAL INFORMATION

No data are available on the adverse effects of this material on the environment. Neither COD nor BOD data are available. Release of this product should be prevented from contaminating soil and water and from entering drainage and sewer systems. U.S.A. regulations require reporting spills of this material that could reach any surface waters. The toll free number for the U.S. Coast Guard National Response Center is (800) 424-8802. Naphthalene (91-20-3) one of the ingredients in this mixture is classified as a Marine Pollutant.

SECTION 13 - DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Dispose of in accordance with Local, State, and Federal Regulations. This product may produce hazardous vapors or fumes in a closed disposal container creating a dangerous environment. Refer to "40 CFR Protection of Environment Parts 260 - 299" for complete waste disposal regulations. Consult your local, state, or Federal Environmental Protection Agency before disposing of any chemicals. Do not flush to sanitary sewer or waterway.

SECTION 14 - TRANSPORT INFORMATION

PROPER SHIPPING NAME: Diesel Fuel

DOT HAZARD CLASS / Pack Group: 3 / III

REFERENCE: 49 CFR 173.150, .203, .242

UN / NA IDENTIFICATION NUMBER: NA 1993

LABEL: Flammable

HAZARD SYMBOLS: F

IATA HAZARD CLASS / Pack Group: Not applicable

IMDG HAZARD CLASS: Not applicable

RID/ADR Dangerous Goods Code: Not applicable

UN TDG Class / Pack Group: Not applicable

Note: Transportation information provided is for reference only. Client is urged to consult CFR 49 parts 100 - 177, IMDG, IATA, EC, United Nations TDG, and WHMIS (Canada) TDG information manuals for detailed regulations and exceptions covering specific container sizes, packaging materials and methods of shipping.

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SECTION 15 - REGULATORY INFORMATION

TSCA (Toxic substance Control Act)

All components of this product are listed on the U.S. Toxic Substances Control Act Chemical Inventory (TSCA Inventory) or are exempted from listing because a Low Volume Exemption has been granted in accordance with 40 CFR 723.50.

SARA TITLE III (Superfund Amendments and Reauthorization Act)

311/312 Hazard Categories

Acute health, flammable

313 Reportable Ingredients:

(a) A "Yes" in the SARA TITLE III column in Section 2 indicates a toxic chemical subject to annual reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372.

CERCLA (Comprehensive Response Compensation and Liability Act)

(c) The Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) has notification requirements for releases or spills to the environment of the Reportable Quantity (RQ for this mixture > 24,000 lbs) or greater amounts, according to 40 CFR 302.

CPR (Canadian Controlled Products Regulations)

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

IDL (Canadian Ingredient Disclosure List)

Components of this product identified by CAS number are listed on the Canadian Ingredient Disclosure List are shown in Section 2.

DSL / NDSL (Canadian Domestic Substances List / Non-Domestic Substances List)

Components of this product identified by CAS number are listed on the DSL or NDSL and may or may not be listed in Section 2 of this document. Only ingredients classified as "hazardous" are listed in Section 2 unless otherwise indicated.

EINECS (European Inventory of Existing Commercial Chemical Substances)

Components of this product identified by CAS numbers are on the European Inventory of Existing Commercial Chemical Substances.

EC Risk Phrases

- R10 Flammable
- R20 Harmful by inhalation
- R36/38 Irritating to eyes and skin.
- R51 Toxic to aquatic organisms.
- R65 Damaging to lungs when swallowed

SYMBOL(S) REQUIRED FOR LABEL

Harmful



EC Safety Phrases

- S23 Do not breathe vapor
- S25 Avoid contact with eyes
- S28 After contact with skin, wash immediately with plenty of soap and water.
- S29 Do not empty into drains
- S62 If swallowed, do not induce vomiting; seek medical advice immediately and show this label.

SECTION 16 - OTHER INFORMATION

Values do not reflect absolute minimums and maximums; these values are typical which may vary from time to time.

HMIS HAZARD RATINGS

HEALTH	1	0 = INSIGNIFICANT	3 = HIGH
FLAMMABILITY	2	1 = SLIGHT	4 = EXTREME
PHYSICAL HAZARD	0	2 = MODERATE	
PERSONAL PROTECTIVE EQUIPMENT	B	Safety Glasses, Gloves	

REVISION SUMMARY:

This MSDS has been revised in the following sections:

Section 1, add name; Section 3, Hazard Symbols; Section 11, add EINECS #; Section 15, TSCA text, add symbol; Section 16, HMIS Text

MSDS Prepared by: Chem-Tel, Inc.
1305 N. Florida Ave.
Tampa, Florida USA 33602
(800) 255-3924 Outside USA (813) 248-0573

DISCLAIMER: The information supplied in this data sheet is obtained from currently available sources, which are believed to be reliable. HOWEVER, THE INFORMATION IS PROVIDED WITHOUT ANY WARRANTY, EXPRESSED OR IMPLIED, REGARDING THE ACCURACY OF THE INFORMATION OR THE RESULTS TO BE OBTAINED FROM ITS USE.

Handling, storage, use or disposal of the above-referenced product is beyond our control and may occur under conditions with which we are unfamiliar. FOR THESE AND OTHER REASONS, WE DO NOT ASSUME RESPONSIBILITY AND EXPRESSLY DISCLAIM ANY LIABILITY FOR DAMAGE, INJURY AND COST ARISING FROM OR RELATED TO THE USE OF THE PRODUCT.

PRODUCT NUMBER (s): BHPP-1052, BHPP-1054, MSDS-1054, 2, 3, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 39, 46, 75, 88, 89, 90, 94, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 108, 109, 111, 116, 117, 118, 282, 290, 291, 294, 304, 319, 351, 352, 1000, 1001, 1071, 1076

MATERIAL SAFETY DATA SHEET

Manufacturer: Schaeffer Mfg. Company		Emergency Response Number:				
Address: 102 Barton Street		314-865-4105 (24hr emergency number) or				
Address: St. Louis, MO 63104		800-325-9962				
SECTION 1 – PRODUCT INFORMATION						
Chemical Family: Petroleum Hydrocarbons		Trade Name: #137B Diesel Treat 2000				
Formula: Proprietary Mixture.						
SECTION 2 – HAZARDOUS INGREDIENTS						
COMPONENTS-CHEMICAL NAMES AND COMMON NAMES	CAS Number	%	Exposure Limits			
			TVL		PEL	
			ppm	mg/m ³	ppm	mg/m ³
Heavy Aromatic Naphtha	64742-95-6	2.8-4.2			50	
1,2,4-Trimethylbenzene	95-63-6	2.46	25		25	
Aromatic Solvent Naphtha	64742-94-5	14-15	100			
Heavy Aromatic Distillate	64742-48-9	38-40	NE		NE	
Avetic Acid Ethynel Ester	24937-78-8	14-15	NE		NE	
2-Butoxyethanol	111-76-2	7-9	25	121	50	240
Benzene	71-43-6	0.039	10	32	10	
Diethylene Glycol Monoethyl Ether	111-77-3	0.425	NE			
Tall Oil Fatty Acids	61790-12-3	3-4	NE			
Cumene	98-82-6	0.154	50	246	50	246
Ethylbenzene	100-41-4	3-4	100	434	100	435
2-Ethylhexyl Nitrate	27247-96-7	4-6	8			
Amines, polyethylene poly-reaction products with succinic anhydride isobutylene derivatives	84605-20-9	9-12	NE		NE	
Xylene	1330-20-7	2-3	100	434	100	
Naphthalene	91-20-3	0.1521	100	434	100	435
Section 3 – PHYSICAL DATA						
Boiling Point:	300°F/148.8°C	Specific Gravity:			.8641	
Vapor Pressure (mm, Hg):	Not Determined	% Volatile:			>75%	
Vapor Density (Air = 1):	Not Determined	Evaporation Rate: (=1)			Not Determined	
Solubility in Water:	Negligible	pH:			Not Applicable	
Appearance and Odor: Tan Color, aromatic odor.						
SECTION 4 – FIRE AND EXPLOSION HAZARD DATA						
Flash Point (Method) °F/°C: 129°F/54°C PMCC		Flammability Limits UEL & LEL ---- Not Determined				
Extinguishing Media: Carbon dioxide foam, dry chemical foam, sand, earth, waterfog.						
Special Fire Fighting Procedures: For fires involving this material, do not enter any enclosed or confined space without protective equipment including self-contained breathing apparatus. Cool exposed containers with waterspray. Avoid breathing fumes.						
Unusual Fire & Explosion Hazards: Toxic fumes, gases or vapors may evolve on burning. Vapors may be heavier than air and may travel along the ground to distant ignition source and flash back. Container may rupture on heating. The 2 Ethylhexyl Nitrate contained in this product may undergo a self accelerating exothermic reaction if heated above 212°F (100°C).						
SECTION 5 - REACTIVITY HAZARD DATA						
STABILITY	<input checked="" type="checkbox"/> STABLE	<input type="checkbox"/> UNSTABLE	Hazardous Decomposition <input type="checkbox"/> WILL <input checked="" type="checkbox"/> WILL NOT OCCUR			
Conditions to Avoid: High heat, high energy ignition sources						
Incompatibility (Mat. to avoid): Strong oxidizing agents, amines, phenols, halogen compounds.						
Hazardous Decomposition Products: Oxides of carbon and nitrogen.						
Conditions to Avoid: None.						
SECTION 6 - HEALTH HAZARD DATA						
Threshold Limit Value and Sources: None established.						
Acute Effects of Overexposure:						
Ingestion:	Irritation of the gastrointestinal lining, nausea, vomiting, diarrhea and abdominal pain. This material if ingested can directly enter the lungs or if subsequently swallowed. Once in the lungs it is very difficult to remove and can cause severe injury or death.					
Eye Contact:	Liquid contact produces irritation and redness to the eyes.					
Skin Contact:	Prolonged and repeated contact with the skin can cause redness or severe irritation.					
Inhalation:	Inhalation of vapors can cause headache, dizziness, nausea, or decreased blood pressure.					
CHRONIC EFFECTS OF OVEREXPOSURE: Repeated overexposure may cause destruction of red blood cells with anemia, fever, jaundice and kidney and liver damage.						
Emergency and First Aid Procedures:						
Swallowing:	If a large amount of this material is swallowed give a large amount of water to drink. Do not induce vomiting. Seek medical attention immediately.					
Skin:	Wash skin thoroughly with soap and water. Launder contaminated clothing.					
Inhalation:	Remove victim to fresh air. If breathing is labored, administer oxygen. If breathing has stopped start artificial respiration immediately.					
Eyes:	Flush eyes with clear, cool, clean water for 15 minutes. Seek medical attention immediately					

Date Prepared: 10/13/04

OF-1049 Rev. (1999)

SECTION 7 – SPILL OR LEAK PROCEDURES	
Environmental Impact:	This material is not expected to present any environmental problems other than those associated with oil spills. If spilled into a watercourse, call the Coast Guard Toll Free No. 800-424-8802.
Procedures To Be Taken If Material Is Released or Spilled:	Eliminate all sources of ignition. Absorb spills with absorbent clay. Ventilate confined spaces. Keep out of sewers and watercourses.
Waste Disposal Method:	Dispose of at an approved waste or disposal site facility in accordance with all applicable federal, state and local laws and regulations. This product is considered to be an RCRA hazardous waste due to the presence of Benzene CAS#71-43-2 DO18 and its flammability D001.

SECTION 8 – SPECIAL PROTECTION INFORMATION	
Respiratory Protection:	Use NIOSH/MSHA approved fullface respirator with an organic vapor cartridge if the recommended exposure limits are exceeded.
Ventilation:	Use local exhaust ventilation to control mists or vapors.
Eye Protection:	Goggles or face shield.
Protective Clothing:	Long sleeve shirt is recommended. Wear either a chemical protective suit or apron when potential for contact with material exists. Use neoprene and nitrile rubber boots when necessary to avoid contaminating shoes. Wear nitrile or neoprene gloves.

SECTION 9 – SPECIAL PRECAUTIONS	
Precautions To Be Taken In Handling and Storage:	Do not store near heat, spark, flame or strong oxidizers. Keep containers closed when not in use. Adequate ventilation required. 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 and vacuum truck operations) and use appropriate mitigating procedures.
Special Comments:	This product is a DOT Class 3 flammable liquid. Avoid breathing vapors. Avoid prolonged or repeated skin contact. Remove contaminated shoes and clothing. Throw away shoes. Launder clothing before reuse. Wash thoroughly with soap and water after use and before eating, drinking, smoking, and using toilet facilities.

SECTION 10 – ADDITIONAL HEALTH AND TOXICOLOGICAL DATA	
HMIS & NFPA Ratings:	Health = 2 Fire = 2 Reactivity = 1
Contaminated clothing should be disposed of properly and/or decontaminated before reuse. Under no circumstance should vomiting be induced. Vomiting can cause aspiration of the product into the lungs. If aspirated into the lungs, chemical pneumonia, which may cause death in spite of treatment with oxygen and antibiotics, may result.	
Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsion may be needed.	
This product contains 0.039% of Benzene which is listed as potential cancer causing agents as determined by the National Toxicology Programs Annual Reports, OSHA's Subpart Z list, the International Agency for Cancer Research's Monographs.	
Proposition 65 State of California Warning: This product contains .0039% of Benzene CAS#71-43-2 which has been found by the State of California to be a potential reproductive toxin and/or cancer-causing agent.	
This product is an IRC (ignitable, reactive, corrosive) substance under CERCLA. If 2,779 gallons of the material is spilled which will release 100lbs of 2-Ethylhexyl Nitrate into the environment and unless the material is cleaned up immediately for reprocessing, recycling or reuse this may trigger the reporting requirements of CERCLA Section 103.	
For SARA Title III Information, see last page	
The materials in this product are listed on the US TSCA Inventory and are in compliance with the Canadian Environmental Protection Act.	
DOT Non Bulk Description: Flammable liquids, N.O.S., (Heavy Aromatic Naphtha,2-Butoxyethanol , Hydrotreated Heavy Naphtha),3, UN1993, PGIII	
Bulk: Flammable Liquids: N.O.S., (Heavy Aromatic Naphtha,2-Butoxyethanol, Hydrotreated Heavy Naphtha),3, UN1993, PG III	

SARA TITLE III INFORMATION

I. Section 302/304 Extremely Hazardous

Component	CAS#	%	RQ (lbs.)	RQ (gal.)*
Benzene	71-43-2	.0039	10	35,638

II. Section 102(a) CERCLA Hazardous Substance

Component	CAS#	%	RQ (lbs.)	RQ (gals.)
Cumene	98-82-6	0.154	5000	42,3621
Xylene	1330-20-7	2-3	100	6,352
Benzene	71-43-2	.0039	10	35,638
Ethylbenzene	100-41-4	3.7	1000	3,775
Naphthalene	91-20-3	0.1521	100	9,138

*Product RQ for Stationary Sources in case of spill in order to release Regulatory Requirements RQ as specified by CERCLA

III. Title Section 311 Hazardous Categorization

Acute	Chronic	Fire	Pressure	Reactivity
X	X	X	X	

IV. Section 313 Toxic Chemical

Component	CAS#	%	RQ (lbs.)	RQ (gals.)
Xylene	1330-20-7	32-34		
Benzene	71-43-2	.000385		
Vinyl Acetate	108-05-4		0.14	
2-Butoxyethanol	104-76-7		9-11	
Ethylbenzene	100-41-4		0.91	
Cumene	98-82-6	0.77		
Diethylene Glycol Monoethyl Ether	111-77-3			0.425

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