



Material Safety Data Sheet

Material Name: DHT DISTILLATE OFF-SPEC FUEL

ID: 82634

*** Section 1 - Chemical Product and Company Identification ***

Product Code: Prefix 07FOD

Product Use: A fuel oil for use in industrial boilers or furnaces. If this product is used in combination with other products, refer to the Material Safety Data Sheet for those products.

THIS PRODUCT IS NOT FOR SALE OR USE IN THE STATE OF CALIFORNIA.

Synonyms: Fuel oil; Petroleum oil.

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*** Section 2 - Hazardous Identification ***

EMERGENCY OVERVIEW

Appearance

Brownish to yellow cloudy liquid.

Signal Word

DANGER!

Physical Hazards

Extremely flammable liquid and vapor.

Vapor may cause flash fire.

Health Hazards

May be harmful or fatal if inhaled.

May be harmful if absorbed through skin.

May be harmful if swallowed.

May irritate the respiratory tract (nose, throat, and lungs), eyes, and skin.

Suspect cancer hazard. Contains material which can cause cancer. Risk of cancer depends on duration and level of exposure.

POTENTIAL HEALTH EFFECTS

Inhalation (Breathing)

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.

Eyes

May cause irritation.

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Skin

May cause irritation. Benzene may be absorbed through the skin and cause harm as noted under **INHALATION (BREATHING)**.

Ingestion (Swallowing)

May be harmful if swallowed. May cause throat irritation, nausea, vomiting, diarrhea 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 central nervous system, blood, cardiovascular, liver, kidney, respiratory tract (nose, throat, and lungs), 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 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).

Cancer Information

This product contains benzene which can cause cancer. This product contains tetrachloroethylene and petroleum based light hydrotreated paraffinic distillates which may cause cancer. Risk of cancer depends on duration and level of exposure. For more information, see **SECTION 11: CARCINOGENICITY**.

Environmental Hazards

Based upon components, product is expected to be toxic to aquatic life. Also see **SECTION 12: ECOLOGICAL INFORMATION**.

*** Section 3 - Composition / Information on Ingredients ***

CAS #	Component	Percent
64742-55-8	Petroleum distillates, hydrotreated light paraffinic	40-90
8008-20-6	Kerosene	0-30
64741-42-0	Naphtha, petroleum, full-range straight-run	0-30
127-18-4	Tetrachloroethylene	0-1
71-55-6	1,1,1-Trichloroethane	0-0.3
71-43-2	Benzene	0-0.3

Component Related Regulatory Information

This product may be regulated, have exposure limits or other information identified as the following: Kerosene (8008-20-6), Oil mist, mineral (8012-95-1), Stoddard solvent (8052-41-3).

*** 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.

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Skin

Remove affected clothing and shoes. Wash skin thoroughly with soap and water. Get medical attention if irritation or pain develops or persists. If product is injected under pressure into or under the skin, or into any part of the body, regardless of the appearance of the wound or its size, a physician should immediately evaluate the individual as a medical emergency.

Ingestion (Swallowing)

Do NOT induce vomiting. Immediately get medical attention. Call 1-800-468-1760 for additional information. If spontaneous vomiting occurs, keep head below hips to avoid breathing the product into the lungs. Never give anything by mouth to an unconscious person.

Notes to Physicians

Treat symptomatically and supportively. Treatment may vary with condition of victim and specifics of incident. Call 1-800-468-1760 for additional information.

*** Section 5 - Fire Fighting Measures ***

Hazardous Combustion Products

Decomposition and combustion materials may be toxic., Burning may produce phosgene, halogenated compounds, sulfur oxides, 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. Water or foam may cause frothing.

Protective Equipment For Firefighting

A positive-pressure, self-contained breathing apparatus (SCBA) and full-body protective equipment are required for fire emergencies.

Fire Fighting Equipment/Instructions

Keep storage containers cool with water spray.

NFPA Ratings: Health: 2 Fire: 3 Reactivity: 0

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

Fire and Explosion Hazards

Vapor explosion hazard indoors, outdoors, or in sewers. Vapor 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, explode, or be thrown into the air. "Empty" containers may retain residue and can be dangerous. Product is 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. Contain spill away from surface water 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: Dike far ahead of liquid spill for collection and later disposal.

There may be specific federal regulatory reporting requirements associated with spills, leaks, or releases of this product. Also see **SECTION 15: REGULATORY INFORMATION**.

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*** Section 7 - Handling and Storage ***

Handling Procedures

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 this product.

Shipping and Storing

Keep container tightly closed when not in use and during transport. Store containers in a cool, dry place. 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: TRANSPORTATION INFORMATION** for Packing Group information.

*** Section 8 - Exposure Controls / Personal Protection ***

Exposure Guidelines

Component Exposure Limits

Petroleum distillates, hydrotreated light paraffinic (64742-55-8)

ACGIH: 200 mg/m3 TWA (application restricted to conditions in which there are negligible aerosol exposures, total hydrocarbon vapor, related to Kerosene)
5 mg/m3 TWA (excluding metal working fluids, highly & severely refined, inhalable fraction, related to Oil mist, mineral)
Skin - potential significant contribution to overall exposure by the cutaneous route (related to Kerosene)

OSHA Final: 5 mg/m3 TWA (related to Oil mist, mineral)

OSHA Vacated: 5 mg/m3 TWA (related to Oil mist, mineral)

NIOSH: 100 mg/m3 TWA (related to Kerosene)
5 mg/m3 TWA (related to Oil mist, mineral)
10 mg/m3 STEL (related to Oil mist, mineral)

Naphtha, petroleum, full-range straight-run (64741-42-0)

ACGIH: 100 ppm TWA (related to Stoddard solvent)
OSHA Final: 500 ppm TWA; 2900 mg/m3 TWA (related to Stoddard solvent)
OSHA Vacated: 100 ppm TWA; 525 mg/m3 TWA (related to Stoddard solvent)
NIOSH: 350 mg/m3 TWA (related to Stoddard solvent)
1800 mg/m3 Ceiling (15 min, related to Stoddard solvent)

Kerosene (8008-20-6)

ACGIH: 200 mg/m3 TWA (application restricted to conditions in which there are negligible aerosol exposures, total hydrocarbon vapor)
Skin - potential significant contribution to overall exposure by the cutaneous route
NIOSH: 100 mg/m3 TWA

Tetrachloroethylene (127-18-4)

ACGIH: 25 ppm TWA
100 ppm STEL
OSHA Final: 100 ppm TWA
200 ppm Ceiling

OSHA Vacated: 25 ppm TWA; 170 mg/m3 TWA

1,1,1-Trichloroethane (71-55-6)

ACGIH: 350 ppm TWA
450 ppm STEL
OSHA Final: 350 ppm TWA; 1900 mg/m3 TWA
OSHA Vacated: 350 ppm TWA; 1900 mg/m3 TWA

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450 ppm STEL; 2450 mg/m³ STEL
NIOSH: 350 ppm Ceiling (15 min); 1900 mg/m³ Ceiling (15 min)

Benzene (71-43-2)

ACGIH: 0.5 ppm TWA
2.5 ppm STEL
Skin - potential significant contribution to overall exposure by the cutaneous route

OSHA Final: 5 ppm STEL (See 29 CFR 1910.1028, 15 min); 0.5 ppm Action Level; 1 ppm TWA
10 ppm TWA (applies to industry segments exempt from the benzene standard at 29 CFR 1910.1028); 1 ppm TWA
5 ppm STEL (see 29 CFR 1910.1028)
25 ppm Ceiling

OSHA Vacated: 10 ppm TWA (unless specified in 1910.1028)
50 ppm STEL (unless specified in 1910.1028, 10 min)
25 ppm Ceiling (unless specified in 1910.1028)

NIOSH: 0.1 ppm TWA
1 ppm STEL

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 applicable exposure limits. Where explosive mixtures may be present, equipment safe for such locations should be used.

Personal Protective Equipment: Respiratory

Use NIOSH-certified P- or R- series particulate filter and organic vapor cartridges when concentration of vapor or mist exceeds applicable exposure limits. Protection provided by air purifying respirators is limited. Do not use N-rated respirators. 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.

Personal Protective Equipment: Eyes/Face

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

Personal Protective Equipment: Skin

Wearing chemical impervious protective gloves is recommended. Wearing natural rubber (latex), butyl rubber, or equivalent gloves is not recommended.

When product is heated and skin contact is likely, wear heat-resistant gloves, boots, and other protective clothing.

To avoid prolonged or repeated contact where spills and splashes are likely, wear appropriate chemical-resistant faceshield, boots, apron, coveralls, long sleeve shirts, or other protective clothing.

Personal Protective Equipment: 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 leather articles, such as shoes, saturated with this product.

Other Personal 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.

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*** Section 9 - Physical & Chemical Properties ***

Appearance/Odor :	Brownish to yellow cloudy liquid	pH:	Not applicable
Odor Threshold:	0.1 ppm	Boiling Point:	160°F (71°C) (initial)
Melting Point:	-80°F (-62°C)	Solubility (H2O):	Insoluble.
Specific Gravity:	0.80 (water = 1) (approximately)	Density:	6.7 LB/US gal (800 g/L) (approximately)
Octanol/H2O Coeff.:	Not available	Evaporation Rate:	Not available.
Molecular Weight:	Not applicable	Auto Ignition Temperature:	Not available.
LFL:	Not available.	Flash Point:	25°F (-4°C) Closed Cup
UFL:	Not available.	Viscosity:	Not available
Vapor Pressure:	31 mm Hg at 100°F (38°C)	Vapor Density:	Not available.
		Freezing Point:	-80°F (-62°C)

*** Section 10 - Chemical Stability & Reactivity Information ***

Stability

Stable under normal temperatures and pressures.

Incompatibility

Substances that are not compatible with ordinary organic compounds (such as strong oxidizers) will not be compatible with this product.

Reactivity

Polymerization is not known to occur under normal temperature and pressures. Not reactive with water.

Hazardous Decomposition Products

None under normal temperatures and pressures. See also **SECTION 5: HAZARDOUS COMBUSTION PRODUCTS**.

Conditions To Avoid

Keep away from heat, ignition sources and incompatible materials.

*** Section 11 - Toxicological Information ***

Toxicity Data

Component Analysis - LD50/LC50

Petroleum distillates, hydrotreated light paraffinic (64742-55-8)

Inhalation LC50 Rat 3900 mg/m³ 4 h

Dermal LD50 Rabbit >2000 mg/kg; Inhalation LC50 Rat >5.28 mg/L 4 h; Oral LD50 Rat >5000 mg/kg (related to Kerosene)

Inhalation LC50 Rat 2062 ppm 4 h (related to Oil mist, mineral)

Naphtha, petroleum, full-range straight-run (64741-42-0)

Dermal LD50 Rabbit >2000 mg/kg; Inhalation LC50 Rat >5.04 mg/L 4 h; Oral LD50 Rat >7000 mg/kg

Kerosene (8008-20-6)

Dermal LD50 Rabbit >2000 mg/kg; Inhalation LC50 Rat >5.28 mg/L 4 h; Oral LD50 Rat >5000 mg/kg

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Tetrachloroethylene (127-18-4)

Dermal LD50 Mouse 2800 mg/kg; Inhalation LC50 Rat 4000 ppm 4 h; Oral LD50 Rat 2629 mg/kg

1,1,1-Trichloroethane (71-55-6)

Dermal LD50 Rabbit >15800 mg/kg; Inhalation LC50 Rat 18000 ppm 4 h; Oral LD50 Rat >2000 mg/kg

Benzene (71-43-2)

Inhalation LC50 Rat 13050 - 14380 ppm 4 h; Oral LD50 Rat 930 mg/kg

Acute Effects

May be harmful or fatal if inhaled., May be harmful if absorbed through skin., May be harmful if swallowed., Irritating to eyes, respiratory system and skin., High concentrations of vapor or mist may cause nausea, vomiting, headaches, dizziness, loss of coordination, numbness, and other central nervous system effects.

Repeated Dose Effects

Benzene, perchloroethylene and 1,1,1-trichloroethane have demonstrated experimental effects of mutagenicity., Based on best current information, the other components listed in **SECTION 2** are not mutagens., Benzene, perchlorethylene and 1,1,1-trichloroethane have demonstrated experimental effects of teratogenicity., Based on best current information, the other components listed in **SECTION 2** are not teratogens., Based on best current information, there is no known human sensitization associated with this product.

Component Carcinogenicity

Petroleum distillates, hydrotreated light paraffinic (64742-55-8)

ACGIH: A3 - Confirmed Animal Carcinogen with Unknown Relevance to Humans (related to Kerosene)
A4 - Not Classifiable as a Human Carcinogen (highly and severely refined); A2 - Suspected Human Carcinogen (poorly and mildly refined, related to Oil mist, mineral)

Kerosene (8008-20-6)

ACGIH: A3 - Confirmed Animal Carcinogen with Unknown Relevance to Humans

Tetrachloroethylene (127-18-4)

ACGIH: A3 - Confirmed Animal Carcinogen with Unknown Relevance to Humans
OSHA: Present (select carcinogen)
NIOSH: potential occupational carcinogen
NTP: Reasonably Anticipated To Be A Human Carcinogen (Suspect Carcinogen)
IARC: Monograph 106 [in preparation]; Monograph 63 [1995]; Supplement 7 [1987] (Group 2A (probably carcinogenic to humans))

1,1,1-Trichloroethane (71-55-6)

ACGIH: A4 - Not Classifiable as a Human Carcinogen
IARC: Monograph 71 [1999]; Supplement 7 [1987]; Monograph 20 [1979] (Group 3 (not classifiable))

Benzene (71-43-2)

ACGIH: A1 - Confirmed Human Carcinogen
OSHA: 5 ppm STEL (See 29 CFR 1910.1028, 15 min); 0.5 ppm Action Level; 1 ppm TWA (specifically regulated carcinogen)
Present (select carcinogen)
NIOSH: potential occupational carcinogen
NTP: Known Human Carcinogen (Known Carcinogen)
IARC: Monograph 100F [2012]; Supplement 7 [1987]; Monograph 29 [1982] (Group 1 (carcinogenic to humans))

Target Organ Effects

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).

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*** Section 12 - Ecological Information ***

Ecotoxicity

Based upon components, product is expected to be toxic to aquatic life.

Component Analysis - Ecotoxicity - Aquatic Toxicity

Petroleum distillates, hydrotreated light paraffinic (64742-55-8)

Duration/Test/Species	Concentration/Conditions	Notes
96 Hr LC50 Oncorhynchus mykiss	>5000 mg/L	
48 Hr EC50 Daphnia magna	>1000 mg/L	

Naphtha, petroleum, full-range straight-run (64741-42-0)

Duration/Test/Species	Concentration/Conditions	Notes
72 Hr EC50 Pseudokirchneriella subcapitata	4700 mg/L	
48 Hr LC50 Mysidopsis bahia	2 mg/L	

Tetrachloroethylene (127-18-4)

Duration/Test/Species	Concentration/Conditions	Notes
96 Hr LC50 Pimephales promelas	12.4 - 14.4 mg/L [flow-through]	
96 Hr LC50 Pimephales promelas	8.6 - 13.5 mg/L [static]	
96 Hr LC50 Lepomis macrochirus	11.0 - 15.0 mg/L [static]	
96 Hr LC50 Oncorhynchus mykiss	4.73 - 5.27 mg/L [flow-through]	
96 Hr EC50 Pseudokirchneriella subcapitata	>500 mg/L	
48 Hr EC50 Daphnia magna	6.1 - 9.0 mg/L [Static]	

1,1,1-Trichloroethane (71-55-6)

Duration/Test/Species	Concentration/Conditions	Notes
96 Hr LC50 Pimephales promelas	35.2 - 50.7 mg/L [flow-through]	
96 Hr LC50 Lepomis macrochirus	57 - 90 mg/L [static]	juvenile
96 Hr LC50 Cyprinus carpio	56 mg/L [flow-through]	
96 Hr LC50 Poecilia reticulata	52.9 mg/L [flow-through]	
96 Hr LC50 Poecilia reticulata	69.7 mg/L [static]	
96 Hr LC50 Pimephales promelas	91 - 126 mg/L [static]	
96 Hr LC50 Oncorhynchus mykiss	46 - 59 mg/L [static]	
96 Hr EC50 Pseudokirchneriella subcapitata	>500 mg/L	
48 Hr LC50 Daphnia magna	>530 mg/L	
48 Hr EC50 Daphnia magna	2384 mg/L	
48 Hr EC50 Daphnia magna	9.7 - 12.8 mg/L [Static]	

Benzene (71-43-2)

Duration/Test/Species	Concentration/Conditions	Notes
96 Hr LC50 Pimephales promelas	10.7 - 14.7 mg/L [flow-through]	
96 Hr LC50 Oncorhynchus mykiss	5.3 mg/L [flow-through]	
96 Hr LC50 Lepomis macrochirus	22.49 mg/L [static]	
96 Hr LC50 Poecilia reticulata	28.6 mg/L [static]	
96 Hr LC50 Pimephales promelas	22330 - 41160 µg/L [static]	
96 Hr LC50 Lepomis macrochirus	70000 - 142000 µg/L [static]	
72 Hr EC50 Pseudokirchneriella subcapitata	29 mg/L	
48 Hr EC50 Daphnia magna	8.76 - 15.6 mg/L [Static]	
48 Hr EC50 Daphnia magna	10 mg/L	

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Persistence/Degradability

No information available for the product.

Bioaccumulation/Accumulation

No information available for the product.

Mobility in Environmental Media

No information available for the product.

Other Adverse Effects

No information available for the product.

*** Section 13 - Disposal Considerations ***

Disposal Instructions

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 proper recycling or disposal.

US EPA Waste Number & Descriptions

For waste disposal purposes, this product is not known to be defined or designated as hazardous by current provisions of the Federal (EPA) Resource Conservation and Recovery Act (RCRA, 40CFR261). 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 applicable to the disposal of this product.

*** Section 14 - Transportation Information ***

Emergency Response Guide Number

128 Reference *North American Emergency Response Guidebook*

DOT Shipping Name: Petroleum distillates, n.o.s.

UN/NA #: UN1268 **Hazard Class:** 3 **Packing Group:** II

Required Label(s): Flammable liquid

TDG Shipping Name: PETROLEUM DISTILLATES, n.o.s.

UN/NA #: UN1268 **Hazard Class:** 3 **Packing Group:** II

Required Label(s): FLAMMABLE LIQUID

IATA Information

No Classification Assigned.

IMDG Information

No Classification Assigned.

*** Section 15 - Regulatory Information ***

Volatile Organic Compounds (As Regulated)

100 WT%; 7 LB/US gal; 850 g/L (approximately)

As per 40 CFR Part 51.100(s)

SARA Sections 311/312

This product poses the following health hazards as defined in 40 CFR Part 370 and is 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 302/304

Component Analysis

Based on the ingredient(s) listed in SECTION 3, this product does 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.

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SARA Section 313

Component Analysis

This product contains a "toxic" chemical subject to the requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA) and 40 CFR Part 372.

Tetrachloroethylene (127-18-4)	0.1 % de minimis concentration
1,1,1-Trichloroethane (71-55-6)	1.0 % de minimis concentration
Benzene (71-43-2)	0.1 % de minimis concentration

CERCLA

Component Analysis

Based on the ingredient(s) listed in SECTION 3, this product contains the following "hazardous substance" listed under the Comprehensive Environmental Response, Compensation and Liability Act of 1980 (CERCLA) in 40 CFR Part 302, Table 302.4 with the following reportable quantities (RQ):

Tetrachloroethylene (127-18-4)	100 lb final RQ; 45.4 kg final RQ
1,1,1-Trichloroethane (71-55-6)	1000 lb final RQ; 454 kg final RQ
Benzene (71-43-2)	10 lb final RQ (received an adjusted RQ of 10 lbs based on potential carcinogenicity in an August 14, 1989 final rule); 4.54 kg final RQ (received an adjusted RQ of 10 lbs based on potential carcinogenicity in an August 14, 1989 final rule)

TSCA

All the components of this product are listed on, or are automatically included as "naturally occurring chemical substances" on, or are exempted from the requirement to be listed on, the TSCA Inventory.

Component Analysis

Component	CAS #	TSCA
Petroleum distillates, hydrotreated light paraffinic	64742-55-8	Yes
Naphtha, petroleum, full-range straight-run	64741-42-0	Yes
Kerosene	8008-20-6	Yes
Tetrachloroethylene	127-18-4	Yes
1,1,1-Trichloroethane	71-55-6	Yes
Benzene	71-43-2	Yes

State Regulations

This product is not for sale or use in the State of California.

U.S. State Regulations

The following components appear on one or more of the following state hazardous substances lists:

Component	CAS	MA	MN	NJ	PA	CA
Petroleum distillates, hydrotreated light paraffinic (¹ related to: Oil mist, mineral) (² related to: Kerosene)	64742-55-8	Yes ¹	Yes ²	Yes ¹	Yes ²	Yes ²
Naphtha, petroleum, full-range straight-run (¹ related to: Stoddard solvent)	64741-42-0	Yes ¹	Yes ¹	Yes ¹	Yes ¹	Yes ¹
Kerosene	8008-20-6	No	Yes	No	Yes	Yes
Tetrachloroethylene	127-18-4	Yes	Yes	Yes	Yes	Yes
1,1,1-Trichloroethane	71-55-6	Yes	Yes	Yes	Yes	Yes
Benzene	71-43-2	Yes	Yes	Yes	Yes	Yes

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Canadian Regulations

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

Component Analysis

Component	CAS #	CAN
Petroleum distillates, hydrotreated light paraffinic	64742-55-8	DSL
Naphtha, petroleum, full-range straight-run	64741-42-0	DSL
Kerosene	8008-20-6	DSL
Tetrachloroethylene	127-18-4	DSL
1,1,1-Trichloroethane	71-55-6	DSL
Benzene	71-43-2	DSL

Canadian WHMIS Information

Class B2 - Flammable Liquid Class D1B - Contains a component that is acutely lethal. Class D2A - Contains component that may cause cancer. Class D2B - Irritating to eyes and skin.

Component Analysis - WHMIS IDL

The following components are identified under the Canadian Hazardous Products Act Ingredient Disclosure List:

Petroleum distillates, hydrotreated light paraffinic (64742-55-8)	1 % (related to Oil mist, mineral)
Naphtha, petroleum, full-range straight-run (64741-42-0)	1 % (related to Stoddard solvent)
1,1,1-Trichloroethane (71-55-6)	0.1 %
Benzene (71-43-2)	0.1 %

Canadian Environmental Protection Act (CEPA)

All the components of this product are listed on, or are automatically included as "substances occurring in nature" on, or are exempted from the requirements to be listed on, the Canadian Domestic Substances List (DSL).

*** Section 16 - Other Information ***

Label/Other Information

Not available.

Revision Information

Regulatory Update. This MSDS has been revised in the following sections: 1, 8, 15

Disclaimer

User assumes all risks incident to the use of this product. To the best of our knowledge, the information contained herein is accurate. However, Safety-Kleen assumes no liability whatsoever for the accuracy or completeness of the information contained herein. No representations or warranties, either expressed or implied, or merchantability, fitness for a particular purpose or of any other nature are made hereunder with respect to the information or the product to which the information refers. The data contained on this sheet apply to the product as supplier to the user.

End of Sheet 82634