



**DHT DISTILLATE OFF-SPEC FUEL**  
Safety Data Sheet

SDS ID: 82634

**\*\*\* Section 1 - Identification \*\*\***

**Product Identifier**

DHT DISTILLATE OFF-SPEC FUEL

**Product Code**

Prefix 07

**Synonyms**

Petroleum oil, Fuel oil

**Recommended Use**

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

**Restrictions on Use**

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

**Manufacturer Information**

Safety-Kleen Systems, Inc.  
42 Longwater Drive  
Norwell, MA 02061-9149  
U.S.A.

Phone: 1-800-669-5740  
www.safety-kleen.com  
Emergency # 1-800-468-1760

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June 28, 2019

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September 4, 2007

**\*\*\* Section 2 - Hazard(s) Identification \*\*\***

**Classification in Accordance with 29 CFR 1910.1200.**

Flammable Liquids, Category 2  
Aspiration Hazard, Category 1  
Acute Toxicity (Inhalation), Category 4  
Germ Cell Mutagenicity, Category 1B  
Carcinogenicity, Category 1A

**GHS LABEL ELEMENTS**

**Symbol(s)**



**Signal Word**

DANGER!

**Hazard Statement(s)**

Highly flammable liquid and vapor  
Harmful if inhaled  
May cause genetic defects and cancer.  
May be fatal if swallowed and enters airways

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## Precautionary Statement(s)

### Prevention

Do not handle until all safety precautions have been read and understood. Keep away from heat, sparks, open flame, and hot surfaces - No smoking. Keep container tightly closed. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Wear protective gloves/clothing and eye/face protection. Avoid breathing dust, mist, fumes or vapors. Use only outdoors or in a well-ventilated area.

### Response

In case of fire: Use appropriate media for extinction. IF exposed or concerned: Get medical advice/attention. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting.

### Storage

Store in a well-ventilated place. Keep cool. Store locked up.

### Disposal

Dispose in accordance with all applicable regulations.

### Hazard(s) Not Otherwise Classified

No additional information is available.

## \* \* \* 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

Concentration ranges are used to express batch-to-batch variability in the production of the mixture. This product may be regulated, have exposure limits or other information identified as the following: Kerosene, oil mist, mineral, Stoddard solvent.

## \* \* \* Section 4 - First Aid Measures \* \* \*

### Description of Necessary Measures

#### Inhalation

IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.

#### Skin

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. If skin irritation occurs: Get medical advice/attention.

#### Eyes

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

#### Ingestion

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting.

### Most Important Symptoms/Effects

#### Acute

Lung damage (from aspiration)

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## Delayed

Mutagenic effects, cancer

## Indication of Immediate Medical Attention and Special Treatment Needed, If Needed

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 \* \* \*

### Suitable Extinguishing Media

Carbon dioxide, regular foam, dry chemical, water spray, or water fog. Water or foam may cause frothing.

### Unsuitable Extinguishing Media

Do not scatter spilled material with high-pressure water streams.

### Specific Hazards Arising from the Chemical

Highly flammable liquid and vapor.

### Hazardous Combustion Products

Decomposition and combustion materials may be toxic. Burning may produce phosgene, halogenated compounds, sulfur oxides, carbon monoxide and unidentified organic compounds.

### Special Protective Equipment and Precautions for Firefighters

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

### Fire Fighting Measures

Move container from fire area if it can be done without risk. Keep storage containers cool with water spray. Empty containers may retain product residue including flammable/explosive vapors. 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 or be thrown into the air. Take precautionary measures against static discharge. Use non-sparking tools and equipment.

## \* \* \* Section 6 - Accidental Release Measures \* \* \*

### Personal Precautions, Protective Equipment and Emergency Procedures

Wear personal protective clothing and equipment, see Section 8.

### Methods and Materials for Containment and Clean Up

Remove all ignition sources. Do not touch or walk through spilled product. Stop leak if you can do it without risk. 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.

## \* \* \* Section 7 - Handling and Storage \* \* \*

### Precautions for Safe Handling

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. 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.

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**Conditions for Safe Storage, Including Any Incompatibilities**

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.

**Incompatibilities**

Oxidizing materials

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

**Component Exposure Limits**

<b>Distillates, petroleum, hydrotreated light paraffinic</b>	<b>64742-55-8</b>
ACGIH:	200 mg/m3 TWA (application restricted to conditions in which there are negligible aerosol exposures ) total hydrocarbon vapor (related to Kerosene) Skin - potential significant contribution to overall exposure by the cutaneous route (related to Kerosene)
NIOSH:	100 mg/m3 TWA (related to Kerosene) 10 mg/m3 STEL (related to Paraffin oils) 2500 mg/m3 IDLH (related to Paraffin oils)
OSHA (US):	5 mg/m3 TWA (related to Paraffin oils)
<b>Naphtha, petroleum, full-range straight-run</b>	<b>64741-42-0</b>
ACGIH:	100 ppm TWA (related to Stoddard solvent)
NIOSH:	350 mg/m3 TWA (related to Stoddard solvent); 1800 mg/m3 Ceiling 15 min (related to Stoddard solvent); 20000 mg/m3 IDLH (related to Stoddard solvent)
OSHA (US):	500 ppm TWA ; 2900 mg/m3 TWA (related to Stoddard solvent)
<b>Kerosene</b>	<b>8008-20-6</b>
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
<b>Tetrachloroethylene</b>	<b>127-18-4</b>
ACGIH:	25 ppm TWA; 100 ppm STEL
NIOSH:	150 ppm IDLH
OSHA (US):	100 ppm TWA; 200 ppm Ceiling

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<b>Benzene</b>	<b>71-43-2</b>
ACGIH:	0.5 ppm TWA; 2.5 ppm STEL; Skin - potential significant contribution to overall exposure by the cutaneous route
NIOSH:	0.1 ppm TWA; 1 ppm STEL; 500 ppm IDLH
OSHA (US):	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 ) 15 min ; 0.5 ppm Action Level ; 1 ppm TWA ; 5 ppm STEL (see 29 CFR 1910.1028 ); 25 ppm Ceiling
<b>1,1,1-Trichloroethane</b>	<b>71-55-6</b>
ACGIH:	350 ppm TWA; 450 ppm STEL
NIOSH:	350 ppm Ceiling 15 min ; 1900 mg/m3 Ceiling 15 min; 700 ppm IDLH
OSHA (US):	350 ppm TWA ; 1900 mg/m3 TWA

### ACGIH - Threshold Limit Values - Biological Exposure Indices (BEI)

#### Tetrachloroethylene (127-18-4)

3 ppm Medium: end-exhaled air Time: prior to shift Parameter: Tetrachloroethylene ; 0.5 mg/l Medium: blood Time: prior to shift Parameter: Tetrachloroethylene

#### Benzene (71-43-2)

25 µg/g creatinine Medium: urine Time: end of shift Parameter: S-Phenylmercapturic acid (background ); 500 µg/g creatinine Medium: urine Time: end of shift Parameter: t,t-Muconic acid (background )

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

40 ppm Medium: end-exhaled air Time: prior to last shift of workweek Parameter: Methyl chloroform ; 10 mg/l Medium: urine Time: end of workweek Parameter: Trichloroacetic acid (nonspecific, semi-quantitative ) ; 30 mg/l Medium: urine Time: end of shift at end of workweek Parameter: Total trichloroethanol (nonspecific, semi-quantitative ) ; 1 mg/l Medium: blood Time: end of shift at end of workweek Parameter: Total trichloroethanol (nonspecific )

### 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.

### Individual Protection Measures, such as Personal Protective Equipment

#### Eye/face protection

Wear safety glasses. Additional protection like goggles, face shields, or respirators may be needed dependent upon anticipated use and concentrations of mists or vapors. Eye wash fountain and emergency showers are recommended. Contact lens use is not recommended.

#### Respiratory Protection

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.

#### Glove Recommendations

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.

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## Protective Materials

Personal protective equipment should be selected based upon the conditions under which this material is used. A hazard assessment of the work area for PPE requirements should be conducted by a qualified professional pursuant to regulatory requirements. The following PPE should be considered the minimum required: Gloves, Safety glasses, and Lab coat or apron.

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

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

### \*\*\* Section 10 - Stability & Reactivity \*\*\*

#### Reactivity

No reactivity hazard is expected.

#### Chemical Stability

Stable under normal temperatures and pressures.

#### Possibility of Hazardous Reactions

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

#### Conditions To Avoid

Keep away from heat, ignition sources and incompatible materials.

#### Incompatible Materials

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

#### Hazardous Decomposition Products

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

### \*\*\* Section 11 - Toxicological Information \*\*\*

#### Information on Likely Routes of Exposure

##### Inhalation

Harmful if inhaled. May cause cancer, mutagenic effects, irritation, nausea, vomiting, headache, dizziness, loss of coordination, numbness.

##### Skin Contact

May cause skin irritation, drying.

##### Eye Contact

May cause eye irritation.

##### Ingestion

Aspiration hazard. May cause irritation, nausea, vomiting, diarrhea, headache, dizziness, loss of coordination.

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### Acute and Chronic Toxicity

#### Component Analysis - LD50/LC50

The components of this material have been reviewed in various sources and the following selected endpoints are published:

**Distillates, petroleum, hydrotreated light paraffinic (64742-55-8)**

Oral LD50 Rat >5000 mg/kg (no deaths occurred ) (related to Kerosene); Dermal LD50 Rabbit >2000 mg/kg (no deaths occurred ) (related to Kerosene); Inhalation LC50 Rat 3900 mg/m<sup>3</sup> 4 h

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

Oral LD50 Rat >7000 mg/kg; Dermal LD50 Rabbit >2000 mg/kg (no deaths occurred ); Inhalation LC50 Rat >5610 mg/m<sup>3</sup> 4 h (no deaths occurred )

**Kerosene (8008-20-6)**

Oral LD50 Rat >5000 mg/kg (no deaths occurred ); Dermal LD50 Rabbit >2000 mg/kg (no deaths occurred ); Inhalation LC50 Rat >5.28 mg/L 4 h

**Tetrachloroethylene (127-18-4)**

Oral LD50 Rat 2629 mg/kg; Inhalation LC50 Rat 27.8 mg/L 4 h

**Benzene (71-43-2)**

Oral LD50 Rat 810 mg/kg; Dermal LD50 Rabbit >8200 mg/kg; Inhalation LC50 Rat 44.66 mg/L 4 h

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

Oral LD50 Rat 9600 mg/kg; Dermal LD50 Rabbit >15800 mg/kg; Inhalation LC50 Rat 18000 ppm 4 h

### Product Toxicity Data

#### Acute Toxicity Estimate

No data available.

#### Immediate Effects

Lung aspiration hazard if swallowed.

#### Delayed Effects

Cancer, mutagenic effects.

#### Irritation/Corrosivity Data

May cause irritation.

#### Respiratory Sensitization

No information available for the product.

#### Dermal Sensitization

No information available for the product.

### Component Carcinogenicity

<b>Distillates, petroleum, hydrotreated light paraffinic</b>	<b>64742-55-8</b>
ACGIH:	A3 - Confirmed Animal Carcinogen with Unknown Relevance to Humans (related to Kerosene)
<b>Kerosene</b>	<b>8008-20-6</b>
ACGIH:	A3 - Confirmed Animal Carcinogen with Unknown Relevance to Humans
<b>Tetrachloroethylene</b>	<b>127-18-4</b>
ACGIH:	A3 - Confirmed Animal Carcinogen with Unknown Relevance to Humans
IARC:	Monograph 106 [2014] ; Monograph 63 [1995] ; Supplement 7 [1987] (Group 2A (probably carcinogenic to humans))
NTP:	Reasonably Anticipated To Be A Human Carcinogen

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DFG:	Category 3B (could be carcinogenic for man )
OSHA:	Present
NIOSH:	potential occupational carcinogen
<b>Benzene</b>	<b>71-43-2</b>
ACGIH:	A1 - Confirmed Human Carcinogen
IARC:	Monograph 120 [in preparation] ; Monograph 100F [2012] ; Supplement 7 [1987] ; Monograph 29 [1982] (Group 1 (carcinogenic to humans))
NTP:	Known Human Carcinogen
DFG:	Category 1 (causes cancer in man )
OSHA:	Present
OSHA:	see 29 CFR 1910.1028
NIOSH:	potential occupational carcinogen
<b>1,1,1-Trichloroethane</b>	<b>71-55-6</b>
ACGIH:	A4 - Not Classifiable as a Human Carcinogen
IARC:	Monograph 71 [1999] ; Supplement 7 [1987] ; Monograph 20 [1979] (Group 3 (not classifiable))

### Germ Cell Mutagenicity

1,1,1-Trichloroethane has demonstrated human effects of teratogenicity, benzene has demonstrated human effects of teratogenicity. Benzene, perchloroethylene and 1,1,1-trichloroethane have demonstrated experimental effects of mutagenicity.

### Tumorigenic Data

1,1,1-Trichloroethane has demonstrated human effects of teratogenicity. Benzene, perchlorethylene and 1,1,1-trichloroethane have demonstrated experimental effects of teratogenicity.

### Reproductive Toxicity

Benzene, perchloroethylene and 1,1,1-trichloroethane have demonstrated experimental effects of reproductive toxicity.

### Specific Target Organ Toxicity - Single Exposure

No target organs identified.

### Specific Target Organ Toxicity - Repeated Exposure

No target organs identified.

### Aspiration hazard

This material is an aspiration hazard. May be fatal if swallowed and enters airways.

### 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.



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**\*\*\* Section 12 - Ecological Information \*\*\***

**Component Analysis - Aquatic Toxicity**

<b>Distillates, petroleum, hydrotreated light paraffinic</b>	<b>64742-55-8</b>
Fish:	LC50 96 h Oncorhynchus mykiss >5000 mg/L
Invertebrate:	EC50 48 h Daphnia magna >1000 mg/L IUCLID
<b>Naphtha, petroleum, full-range straight-run</b>	<b>64741-42-0</b>
Algae:	EC50 72 h Pseudokirchneriella subcapitata 4700 mg/L IUCLID
Invertebrate:	LC50 48 h Mysidopsis bahia 2 mg/L IUCLID
<b>Tetrachloroethylene</b>	<b>127-18-4</b>
Fish:	LC50 96 h Pimephales promelas 12.4 - 14.4 mg/L [flow-through] ; LC50 96 h Pimephales promelas 8.6 - 13.5 mg/L [static] ; LC50 96 h Lepomis macrochirus 11 - 15 mg/L [static] ; LC50 96 h Oncorhynchus mykiss 4.73 - 5.27 mg/L [flow-through]
Algae:	EC50 96 h Pseudokirchneriella subcapitata >500 mg/L EPA
Invertebrate:	EC50 48 h Daphnia magna 6.1 - 9 mg/L [Static] EPA
<b>Benzene</b>	<b>71-43-2</b>
Fish:	LC50 96 h Pimephales promelas 10.7 - 14.7 mg/L [flow-through] ; LC50 96 h Oncorhynchus mykiss 5.3 mg/L [flow-through] ; LC50 96 h Lepomis macrochirus 22.49 mg/L [static] ; LC50 96 h Poecilia reticulata 28.6 mg/L [static] ; LC50 96 h Pimephales promelas 22330 - 41160 µg/L [static] ; LC50 96 h Lepomis macrochirus 70000 - 142000 µg/L [static]
Algae:	EC50 72 h Pseudokirchneriella subcapitata 29 mg/L EPA
Invertebrate:	EC50 48 h Daphnia magna 8.76 - 15.6 mg/L [Static] EPA ; EC50 48 h Daphnia magna 10 mg/L IUCLID
<b>1,1,1-Trichloroethane</b>	<b>71-55-6</b>
Fish:	LC50 96 h Pimephales promelas 35.2 - 50.7 mg/L [flow-through] ; LC50 96 h Lepomis macrochirus 57 - 90 mg/L [static] (juvenile) ; LC50 96 h Cyprinus carpio 56 mg/L [flow-through] ; LC50 96 h Poecilia reticulata 52.9 mg/L [flow-through] ; LC50 96 h Poecilia reticulata 69.7 mg/L [static] ; LC50 96 h Pimephales promelas 91 - 126 mg/L [static] ; LC50 96 h Oncorhynchus mykiss 46 - 59 mg/L [static]
Algae:	EC50 96 h Pseudokirchneriella subcapitata >500 mg/L EPA

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Invertebrate:	LC50 48 h Daphnia magna >530 mg/L IUCLID ; EC50 48 h Daphnia magna 2384 mg/L IUCLID ; EC50 48 h Daphnia magna 9.7 - 12.8 mg/L [Static ] EPA
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## Persistence and Degradability

No information available for the product.

## Bioaccumulative Potential

No information available for the product.

## Mobility

No information available for the product.

## Other Toxicity

1,1,1-Trichloroethane harms public health and the environment by destroying ozone in the upper atmosphere.

## \* \* \* Section 13 - Disposal Considerations \* \* \*

### Disposal Methods

Dispose of in accordance with all applicable federal, state 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.

D001. 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 - Transport Information \* \* \*

### US DOT Information:

**Shipping Name:** PETROLEUM DISTILLATES, N.O.S. , ( Contains: Kerosene , Naphtha, petroleum, full-range straight-run )

**Hazard Class:** 3

**UN/NA #:** UN1268

**Packing Group:** II

**Required Label(s):** 3

### IATA Information:

**Shipping Name:** PETROLEUM DISTILLATES, N.O.S. , ( Contains: Kerosene , Naphtha, petroleum, full-range straight-run )

**Hazard Class:** 3

**UN#:** UN1268

**Packing Group:** II

**Required Label(s):** 3

### IMDG Information:

**Shipping Name:** PETROLEUM DISTILLATES, N.O.S. , ( Contains: Kerosene , Naphtha, petroleum, full-range straight-run )

**Hazard Class:** 3

**UN#:** UN1268

**Packing Group:** II

**Required Label(s):** 3

### TDG Information:

**Shipping Name:** PETROLEUM DISTILLATES, N.O.S. , ( Contains: Kerosene , Naphtha, petroleum, full-range straight-run )

**Hazard Class:** 3

**UN#:** UN1268

**Packing Group:** II

**Required Label(s):** 3

**International Bulk Chemical Code**

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This material contains one or more of the following chemicals required by the IBC Code to be identified as dangerous chemicals in bulk.

<b>Tetrachloroethylene</b>	<b>127-18-4</b>
IBC Code:	Category Y
<b>Benzene</b>	<b>71-43-2</b>
IBC Code:	Category Y ; Category Y (>=10% or more mixture ;for mixtures containing no other components with safety hazards and where the pollution category is Y or less )
<b>1,1,1-Trichloroethane</b>	<b>71-55-6</b>
IBC Code:	Category Y

**Further information**

ERG: 128, Reference: North American Emergency Response Guidebook

**\*\*\* Section 15 - Regulatory Information \*\*\***

**Volatile Organic Compounds (As Regulated)**

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

U.S EPA 40 CFR 51.100(s)

**U.S. Federal Regulations**

This material contains one or more of the following chemicals required to be identified under SARA Section 302 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65), CERCLA (40 CFR 302.4), TSCA 12(b), and/or require an OSHA process safety plan.

<b>Tetrachloroethylene</b>	<b>127-18-4</b>
SARA 313:	0.1 % de minimis concentration
CERCLA:	100 lb final RQ ; 45.4 kg final RQ
<b>Benzene</b>	<b>71-43-2</b>
SARA 313:	0.1 % de minimis concentration
CERCLA:	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 )
<b>1,1,1-Trichloroethane</b>	<b>71-55-6</b>
SARA 313:	1 % de minimis concentration
CERCLA:	1000 lb final RQ ; 454 kg final RQ

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Chemicals subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372.

CAS-No.	Name	Percent by Weight
127-18-4	Tetrachloroethylene	0-1
71-43-2	Benzene	0-0.3
71-55-6	1,1,1,-Trichloroethand	0-0.3

**SARA Section 311/312 (40 CFR 370 Subparts B and C) reporting categories**

Flammable; Carcinogenicity; Aspiration Hazard; Germ Cell Mutagenicity

**U.S. State Regulations**

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

Component	CAS	CA	MA	MN	NJ	PA
<b>Distillates, petroleum, hydrotreated light paraffinic</b>	<b>64742-55-8</b>	Yes	Yes	Yes	Yes	Yes
<b>Naphtha, petroleum, full-range straight-run</b>	<b>64741-42-0</b>	Yes	Yes	Yes	Yes	Yes
<b>Kerosene</b>	<b>8008-20-6</b>	No	Yes	No	Yes	Yes
<b>Tetrachloroethylene</b>	<b>127-18-4</b>	Yes	Yes	Yes	Yes	Yes
<b>Benzene</b>	<b>71-43-2</b>	Yes	Yes	Yes	Yes	Yes
<b>1,1,1-Trichloroethane</b>	<b>71-55-6</b>	Yes	Yes	Yes	Yes	Yes

**California Safe Drinking Water and Toxic Enforcement Act (Proposition 65)**

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

**Component Analysis - Inventory**

**Distillates, petroleum, hydrotreated light paraffinic (64742-55-8)**

US	CA	AU	CN	EU	JP - ENCS	JP - ISHL	KR KECI - Annex 1	KR KECI - Annex 2
Yes	DSL	Yes	Yes	EIN	Yes	Yes	Yes	No
KR - REACH CCA		MX	NZ	PH	TH-TECI	TW	VN (Draft)	
No		No	Yes	Yes	No	Yes	Yes	

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

US	CA	AU	CN	EU	JP - ENCS	JP - ISHL	KR KECI - Annex 1	KR KECI - Annex 2
Yes	DSL	Yes	Yes	EIN	No	No	Yes	No
KR - REACH CCA		MX	NZ	PH	TH-TECI	TW	VN (Draft)	
No		Yes	Yes	No	No	Yes	No	

## Safety Data Sheet

**Material Name: DHT DISTILLATE OFF-SPEC FUEL**

**SDS ID: 82634**

### Kerosene (8008-20-6)

US	CA	AU	CN	EU	JP - ENCS	JP - ISHL	KR KECI - Annex 1	KR KECI - Annex 2
Yes	DSL	Yes	Yes	EIN	No	No	Yes	No
KR - REACH CCA		MX	NZ	PH	TH-TECI	TW	VN (Draft)	
No		Yes	Yes	Yes	Yes	Yes	Yes	

### Tetrachloroethylene (127-18-4)

US	CA	AU	CN	EU	JP - ENCS	JP - ISHL	KR KECI - Annex 1	KR KECI - Annex 2
Yes	DSL	Yes	Yes	EIN	Yes	Yes	Yes	No
KR - REACH CCA		MX	NZ	PH	TH-TECI	TW	VN (Draft)	
Yes		Yes	Yes	Yes	Yes	Yes	Yes	

### Benzene (71-43-2)

US	CA	AU	CN	EU	JP - ENCS	JP - ISHL	KR KECI - Annex 1	KR KECI - Annex 2
Yes	DSL	Yes	Yes	EIN	Yes	Yes	Yes	No
KR - REACH CCA		MX	NZ	PH	TH-TECI	TW	VN (Draft)	
Yes		Yes	Yes	Yes	Yes	Yes	Yes	

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

US	CA	AU	CN	EU	JP - ENCS	JP - ISHL	KR KECI - Annex 1	KR KECI - Annex 2
Yes	DSL	Yes	Yes	EIN	Yes	Yes	Yes	No
KR - REACH CCA		MX	NZ	PH	TH-TECI	TW	VN (Draft)	
No		Yes	Yes	Yes	No	Yes	Yes	

### 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.

# Safety Data Sheet

Material Name: DHT DISTILLATE OFF-SPEC FUEL

SDS ID: 82634

## 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

0.1 %

## \*\*\* Section 16 - Other Information \*\*\*

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

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

### Summary of Changes

2022/02: Addition to Section 15.

### Key/Legend

ACGIH - American Conference of Governmental Industrial Hygienists; ADR - European Road Transport; AU - Australia; BOD - Biochemical Oxygen Demand; C - Celsius; CA - Canada; CA/MA/MN/NJ/PA - California/Massachusetts/Minnesota/New Jersey/Pennsylvania\*; CAS - Chemical Abstracts Service; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CFR - Code of Federal Regulations (US); CLP - Classification, Labelling, and Packaging; CN - China; CPR - Controlled Products Regulations; DFG - Deutsche Forschungsgemeinschaft; DOT - Department of Transportation; DSD - Dangerous Substance Directive; DSL - Domestic Substances List; EC - European Commission; EEC - European Economic Community; EIN - European Inventory of (Existing Commercial Chemical Substances); EINECS - European Inventory of Existing Commercial Chemical Substances; ENCS - Japan Existing and New Chemical Substance Inventory; EPA - Environmental Protection Agency; EU - European Union; F - Fahrenheit; F - Background (for Venezuela Biological Exposure Indices); IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; ICAO - International Civil Aviation Organization; IDL - Ingredient Disclosure List; IDLH - Immediately Dangerous to Life and Health; IMDG - International Maritime Dangerous Goods; ISHL - Japan Industrial Safety and Health Law; IUCLID - International Uniform Chemical Information Database; JP - Japan; Kow - Octanol/water partition coefficient; KR KECI Annex 1 - Korea Existing Chemicals Inventory (KECI) / Korea Existing Chemicals List (KECL); KR KECI Annex 2 - Korea Existing Chemicals Inventory (KECI) / Korea Existing Chemicals List (KECL) , KR - Korea; LD50/LC50 - Lethal Dose/ Lethal Concentration; LEL - Lower Explosive Limit; LLV - Level Limit Value; LOLI - List Of Lists™ - ChemADVISOR's Regulatory Database; MAK - Maximum Concentration Value in the Workplace; MEL - Maximum Exposure Limits; MX - Mexico; Ne- Non-specific; NFPA - National Fire Protection Agency; NIOSH - National Institute for Occupational Safety and Health; NJTSR - New Jersey Trade Secret Registry; Nq - Non-quantitative; NSL - Non-Domestic Substance List (Canada); NTP - National Toxicology Program; NZ - New Zealand; OSHA - Occupational Safety and Health Administration; PEL - Permissible Exposure Limit; PH - Philippines; RCRA - Resource Conservation and Recovery Act; REACH- Registration, Evaluation, Authorisation, and restriction of Chemicals; RID - European Rail Transport; SARA - Superfund Amendments and Reauthorization Act; Sc - Semi-quantitative; STEL - Short-term Exposure Limit; TCCA - Korea Toxic Chemicals Control Act; TDG - Transportation of Dangerous Goods; TLV - Threshold Limit Value; TSCA - Toxic Substances Control Act; TW - Taiwan; TWA - Time Weighted Average; UEL - Upper Explosive Limit; UN/NA - United Nations /North American; US - United States; VLE - Exposure Limit Value (Mexico); VN (Draft) - Vietnam (Draft); WHMIS - Workplace Hazardous Materials Information System (Canada).

### Other Information

#### 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, of 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.