



# SAFETY DATA SHEET

## 1. Identification

**Product identifier:** L3 MOLY PTFE LUBRICANT PROTECTANT

**Other means of identification**

**SDS number:** RE1000011778

**Recommended restrictions**

**Product use:** Lubricant  
**Restrictions on use:** Not known.

**Manufacturer/Importer/Distributor Information**

**Manufacturer**

**Company Name:** Superior Sewing Machine  
**Address:** 502 Bedford Street, Suite 8  
Fall River, MA 02720  
**Telephone:** 1-212-691-5900  
**Fax:**

**Emergency telephone number:** 1-866-836-8855

## 2. Hazard(s) identification

**Hazard Classification**

**Physical Hazards**

Flammable aerosol Category 1

**Health Hazards**

Serious Eye Damage/Eye Irritation Category 2A  
Aspiration Hazard Category 1

**Label Elements**

**Hazard Symbol:**



**Signal Word:** Danger

**Hazard Statement:** Extremely flammable aerosol.  
Causes serious eye irritation.  
May be fatal if swallowed and enters airways.

**Precautionary Statements**



<b>Prevention:</b>	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use. Wash thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection.
<b>Response:</b>	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. IF SWALLOWED: Immediately call a POISON CENTER/doctor Do NOT induce vomiting.
<b>Storage:</b>	Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. Store locked up.
<b>Disposal:</b>	Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.
<b>Hazard(s) not otherwise classified (HNOC):</b>	None.

### 3. Composition/information on ingredients

#### Mixtures

Chemical Identity	CAS number	Content in percent (%)*
Distillates (petroleum), hydrotreated light	64742-47-8	20 - <50%
Propane	74-98-6	10 - <20%
Ethanol, 2-(2-butoxyethoxy)-	112-34-5	1 - <5%
Distillates (petroleum), hydrotreated light paraffinic	64742-55-8	1 - <5%
Distillates (petroleum), solvent-dewaxed heavy paraffinic	64742-65-0	1 - <5%
Distillates, Petroleum, Hydrotreated Light Naphthenic	64742-53-6	1 - <5%
Distillates (petroleum), hydrotreated heavy paraffinic	64742-54-7	1 - <5%
Distillates (petroleum), solvent-dewaxed light paraffinic	64742-56-9	1 - <5%
Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based	72623-86-0	1 - <5%
Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based	72623-87-1	1 - <5%
White mineral oil (petroleum)	8042-47-5	1 - <5%
Naphtha	848301-69-9	1 - <5%
Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts	68649-42-3	1 - <5%
Distillates (petroleum), solvent-refined heavy paraffinic	64741-88-4	0.1 - <1%
Oils, pine	8002-09-3	0.1 - <1%

\* All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.



#### 4. First-aid measures

<b>Ingestion:</b>	Call a physician or poison control center immediately. Rinse mouth. Never give liquid to an unconscious person. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs.
<b>Inhalation:</b>	Move to fresh air.
<b>Skin Contact:</b>	Wash skin thoroughly with soap and water. If skin irritation occurs: Get medical advice/attention.
<b>Eye contact:</b>	Immediately flush with plenty of water for at least 15 minutes. If easy to do, remove contact lenses. Get medical attention.

#### Most important symptoms/effects, acute and delayed

<b>Symptoms:</b>	No data available.
<b>Hazards:</b>	No data available.

#### Indication of immediate medical attention and special treatment needed

<b>Treatment:</b>	No data available.
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#### 5. Fire-fighting measures

<b>General Fire Hazards:</b>	Use water spray to keep fire-exposed containers cool. Fight fire from a protected location. Move containers from fire area if you can do so without risk.
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#### Suitable (and unsuitable) extinguishing media

<b>Suitable extinguishing media:</b>	Use fire-extinguishing media appropriate for surrounding materials.
<b>Unsuitable extinguishing media:</b>	Do not use water jet as an extinguisher, as this will spread the fire.
<b>Specific hazards arising from the chemical:</b>	Vapors may travel considerable distance to a source of ignition and flash back.

#### Special protective equipment and precautions for firefighters

<b>Special fire fighting procedures:</b>	No data available.
<b>Special protective equipment for fire-fighters:</b>	Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.

#### 6. Accidental release measures

<b>Personal precautions, protective equipment and emergency procedures:</b>	Ventilate closed spaces before entering them. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Keep upwind.
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**Methods and material for containment and cleaning up:** Absorb spill with vermiculite or other inert material, then place in a container for chemical waste.

**Notification Procedures:** Prevent entry into waterways, sewer, basements or confined areas. Stop the flow of material, if this is without risk. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Stop leak if you can do so without risk.

**Environmental Precautions:** Do not contaminate water sources or sewer. Prevent further leakage or spillage if safe to do so.

## 7. Handling and storage

**Precautions for safe handling:** Avoid contact with eyes. Wash hands thoroughly after handling. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use.

**Conditions for safe storage, including any incompatibilities:** Store locked up. Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use. Aerosol Level 3

## 8. Exposure controls/personal protection

### Control Parameters

#### Occupational Exposure Limits

Chemical Identity	Type	Exposure Limit Values	Source
Distillates (petroleum), hydrotreated light	REL	100 mg/m <sup>3</sup>	US. NIOSH: Pocket Guide to Chemical Hazards (2005)
Distillates (petroleum), hydrotreated light - Non-aerosol. - as total hydrocarbon vapor	TWA	200 mg/m <sup>3</sup>	US. ACGIH Threshold Limit Values (2008)
	TWA	200 mg/m <sup>3</sup>	US. ACGIH Threshold Limit Values (2008)
Propane	REL	1,000 ppm 1,800 mg/m <sup>3</sup>	US. NIOSH: Pocket Guide to Chemical Hazards (2005)
	PEL	1,000 ppm 1,800 mg/m <sup>3</sup>	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) (02 2006)
	TWA	1,000 ppm 1,800 mg/m <sup>3</sup>	US. OSHA Table Z-1-A (29 CFR 1910.1000) (1989)
Ethanol, 2-(2-butoxyethoxy)- - Inhalable fraction and vapor.	TWA	10 ppm	US. ACGIH Threshold Limit Values (03 2013)
Distillates (petroleum), hydrotreated light paraffinic - Mist.	REL	5 mg/m <sup>3</sup>	US. NIOSH: Pocket Guide to Chemical Hazards (2005)
	STEL	10 mg/m <sup>3</sup>	US. NIOSH: Pocket Guide to Chemical Hazards (2005)
	TWA	5 mg/m <sup>3</sup>	US. OSHA Table Z-1-A (29 CFR 1910.1000) (1989)
	PEL	5 mg/m <sup>3</sup>	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) (02 2006)
Distillates (petroleum), hydrotreated light paraffinic - Inhalable fraction.	TWA	5 mg/m <sup>3</sup>	US. ACGIH Threshold Limit Values (03 2014)
Distillates (petroleum), solvent-dewaxed heavy paraffinic	PEL	500 ppm 2,000 mg/m <sup>3</sup>	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) (02 2006)
	TWA	400 ppm 1,600 mg/m <sup>3</sup>	US. OSHA Table Z-1-A (29 CFR 1910.1000) (1989)
Distillates (petroleum), solvent-dewaxed heavy paraffinic - Mist.	PEL	5 mg/m <sup>3</sup>	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) (02 2006)
	TWA	5 mg/m <sup>3</sup>	US. OSHA Table Z-1-A (29 CFR 1910.1000) (1989)
	REL	5 mg/m <sup>3</sup>	US. NIOSH: Pocket Guide to Chemical Hazards (2005)



	STEL	10 mg/m3	US. NIOSH: Pocket Guide to Chemical Hazards (2005)
Distillates (petroleum), solvent-dewaxed heavy paraffinic - Inhalable fraction.	TWA	5 mg/m3	US. ACGIH Threshold Limit Values (03 2014)
Distillates (petroleum), solvent-dewaxed heavy paraffinic	Ceil_Time	1,800 mg/m3	US. NIOSH: Pocket Guide to Chemical Hazards (2010)
	REL	350 mg/m3	US. NIOSH: Pocket Guide to Chemical Hazards (2010)
Distillates, Petroleum, Hydrotreated Light Naphthenic - Mist.	PEL	5 mg/m3	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) (02 2006)
	TWA	5 mg/m3	US. OSHA Table Z-1-A (29 CFR 1910.1000) (1989)
Distillates, Petroleum, Hydrotreated Light Naphthenic	TWA	400 ppm 1,600 mg/m3	US. OSHA Table Z-1-A (29 CFR 1910.1000) (1989)
	PEL	500 ppm 2,000 mg/m3	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) (02 2006)
Distillates, Petroleum, Hydrotreated Light Naphthenic - Mist.	REL	5 mg/m3	US. NIOSH: Pocket Guide to Chemical Hazards (2005)
	STEL	10 mg/m3	US. NIOSH: Pocket Guide to Chemical Hazards (2005)
Distillates, Petroleum, Hydrotreated Light Naphthenic	Ceil_Time	1,800 mg/m3	US. NIOSH: Pocket Guide to Chemical Hazards (2010)
	REL	350 mg/m3	US. NIOSH: Pocket Guide to Chemical Hazards (2010)
Distillates, Petroleum, Hydrotreated Light Naphthenic - Inhalable fraction.	TWA	5 mg/m3	US. ACGIH Threshold Limit Values (03 2014)
Distillates (petroleum), hydrotreated heavy paraffinic - Inhalable fraction.	TWA	5 mg/m3	US. ACGIH Threshold Limit Values (03 2014)
Distillates (petroleum), hydrotreated heavy paraffinic - Mist.	TWA	5 mg/m3	US. OSHA Table Z-1-A (29 CFR 1910.1000) (1989)
	STEL	10 mg/m3	US. NIOSH: Pocket Guide to Chemical Hazards (2016)
	PEL	5 mg/m3	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) (01 2017)
	REL	5 mg/m3	US. NIOSH: Pocket Guide to Chemical Hazards (2016)
Distillates (petroleum), solvent-dewaxed light paraffinic - Mist.	STEL	10 mg/m3	US. NIOSH: Pocket Guide to Chemical Hazards (2005)
	PEL	5 mg/m3	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) (02 2006)
	TWA	5 mg/m3	US. OSHA Table Z-1-A (29 CFR 1910.1000) (1989)
	REL	5 mg/m3	US. NIOSH: Pocket Guide to Chemical Hazards (2005)
Distillates (petroleum), solvent-dewaxed light paraffinic - Inhalable fraction.	TWA	5 mg/m3	US. ACGIH Threshold Limit Values (01 2010)
Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based - Inhalable fraction.	TWA	5 mg/m3	US. ACGIH Threshold Limit Values (03 2014)
Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based - Inhalable fraction.	TWA	5 mg/m3	US. ACGIH Threshold Limit Values (03 2014)
White mineral oil (petroleum) - Mist.	REL	5 mg/m3	US. NIOSH: Pocket Guide to Chemical Hazards (2005)
	PEL	5 mg/m3	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) (02 2006)
	STEL	10 mg/m3	US. NIOSH: Pocket Guide to Chemical Hazards (2005)
	TWA	5 mg/m3	US. OSHA Table Z-1-A (29 CFR 1910.1000) (1989)
White mineral oil (petroleum) - Inhalable fraction.	TWA	5 mg/m3	US. ACGIH Threshold Limit Values (01 2010)
Naphtha	TWA	100 ppm 400 mg/m3	US. OSHA Table Z-1-A (29 CFR 1910.1000) (1989)
	REL	100 ppm 400 mg/m3	US. NIOSH: Pocket Guide to Chemical Hazards (2010)
	PEL	100 ppm 400 mg/m3	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) (03 2016)
Distillates (petroleum), solvent-refined heavy	TWA	400 ppm 1,600 mg/m3	US. OSHA Table Z-1-A (29 CFR 1910.1000) (1989)



paraffinic			
Distillates (petroleum), solvent-refined heavy paraffinic - Mist.	REL	5 mg/m3	US. NIOSH: Pocket Guide to Chemical Hazards (2005)
	TWA	5 mg/m3	US. OSHA Table Z-1-A (29 CFR 1910.1000) (1989)
Distillates (petroleum), solvent-refined heavy paraffinic	PEL	500 ppm 2,000 mg/m3	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) (02 2006)
Distillates (petroleum), solvent-refined heavy paraffinic - Inhalable fraction.	TWA	5 mg/m3	US. ACGIH Threshold Limit Values (01 2010)
Distillates (petroleum), solvent-refined heavy paraffinic - Mist.	STEL	10 mg/m3	US. NIOSH: Pocket Guide to Chemical Hazards (2005)
	PEL	5 mg/m3	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) (02 2006)
Distillates (petroleum), solvent-refined heavy paraffinic	REL	350 mg/m3	US. NIOSH: Pocket Guide to Chemical Hazards (2010)
	Ceil_Time	1,800 mg/m3	US. NIOSH: Pocket Guide to Chemical Hazards (2010)
Distillates (petroleum), solvent-refined light paraffinic - Mist.	STEL	10 mg/m3	US. NIOSH: Pocket Guide to Chemical Hazards (2005)
	REL	5 mg/m3	US. NIOSH: Pocket Guide to Chemical Hazards (2005)
	PEL	5 mg/m3	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) (02 2006)
	TWA	5 mg/m3	US. OSHA Table Z-1-A (29 CFR 1910.1000) (1989)
Distillates (petroleum), solvent-refined light paraffinic - Inhalable fraction.	TWA	5 mg/m3	US. ACGIH Threshold Limit Values (01 2010)
Molybdenum sulfide (MoS2) - Respirable fraction. - as Mo	TWA	3 mg/m3	US. ACGIH Threshold Limit Values (2009)
Molybdenum sulfide (MoS2) - Inhalable fraction. - as Mo	TWA	10 mg/m3	US. ACGIH Threshold Limit Values (2009)
Molybdenum sulfide (MoS2) - Total dust. - as Mo	PEL	15 mg/m3	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) (02 2006)
	TWA	10 mg/m3	US. OSHA Table Z-1-A (29 CFR 1910.1000) (1989)

**Appropriate Engineering Controls** No data available.

**Individual protection measures, such as personal protective equipment**

**General information:** Provide easy access to water supply and eye wash facilities. Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. If exposure limits have not been established, maintain airborne levels to an acceptable level.

**Eye/face protection:** Wear safety glasses with side shields (or goggles).

**Skin Protection**

**Hand Protection:** No data available.

**Other:** Wear suitable protective clothing.

**Respiratory Protection:** In case of inadequate ventilation use suitable respirator. Seek advice from local supervisor.

**Hygiene measures:** Observe good industrial hygiene practices. Avoid contact with eyes. When using do not smoke.



## 9. Physical and chemical properties

### Appearance

Physical state:	liquid
Form:	Spray Aerosol
Color:	No data available.
Odor:	No data available.
Odor threshold:	No data available.
pH:	No data available.
Melting point/freezing point:	No data available.
Initial boiling point and boiling range:	No data available.
Flash Point:	-104.44 °C
Evaporation rate:	No data available.
Flammability (solid, gas):	No data available.
<b>Upper/lower limit on flammability or explosive limits</b>	
Flammability limit - upper (%):	No data available.
Flammability limit - lower (%):	No data available.
Explosive limit - upper (%):	No data available.
Explosive limit - lower (%):	No data available.
Vapor pressure:	3,447 - 4,826 hPa (20 °C)
Vapor density:	No data available.
Density:	No data available.
Relative density:	No data available.
<b>Solubility(ies)</b>	
Solubility in water:	No data available.
Solubility (other):	No data available.
Partition coefficient (n-octanol/water):	No data available.
Auto-ignition temperature:	No data available.
Decomposition temperature:	No data available.
Viscosity:	No data available.

## 10. Stability and reactivity

Reactivity:	No data available.
Chemical Stability:	Material is stable under normal conditions.
Possibility of hazardous reactions:	No data available.
Conditions to avoid:	Avoid heat or contamination.
Incompatible Materials:	No data available.
Hazardous Decomposition Products:	No data available.

## 11. Toxicological information



**Information on likely routes of exposure**

**Inhalation:** No data available.  
**Skin Contact:** No data available.  
**Eye contact:** No data available.  
**Ingestion:** No data available.

**Symptoms related to the physical, chemical and toxicological characteristics**

**Inhalation:** No data available.  
**Skin Contact:** No data available.  
**Eye contact:** No data available.  
**Ingestion:** No data available.

**Information on toxicological effects**

**Acute toxicity (list all possible routes of exposure)**

**Oral**

**Product:** Not classified for acute toxicity based on available data.

**Specified substance(s):**

Distillates (petroleum), hydrotreated light	LD 50 (Rat): > 5,000 mg/kg
Ethanol, 2-(2- butoxyethoxy)-	LD 50 (Mouse): 2,410 mg/kg
Distillates (petroleum), hydrotreated light paraffinic	LD 50 (Rat): > 5,000 mg/kg
Distillates (petroleum), solvent-dewaxed heavy paraffinic	LD 50 (Rat): > 5,000 mg/kg
Distillates, Petroleum, Hydrotreated Light Naphthenic	LD 50 (Rat): > 5,000 mg/kg
Distillates (petroleum), hydrotreated heavy paraffinic	LD 50 (Rat): > 5,000 mg/kg
Distillates (petroleum), solvent-dewaxed light paraffinic	LD 50 (Rat): > 5,000 mg/kg
Lubricating oils (petroleum), C15-30, hydrotreated neutral oil- based	LD 50 (Rat): > 5,000 mg/kg
Lubricating oils	LD 50 (Rat): > 5,000 mg/kg





(petroleum), C20-50,  
hydrotreated neutral oil-  
based

White mineral oil (petroleum) LD 50 (Rat): > 5,000 mg/kg

Naphtha LD 50 (Rat): > 5,000 mg/kg

Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts LD 50: > 2,151 mg/kg

Distillates (petroleum), solvent-refined heavy paraffinic LD 50 (Rat): > 5,000 mg/kg

Oils, pine LD 50: > 2,000 mg/kg

**Dermal**

**Product:** Not classified for acute toxicity based on available data.

**Specified substance(s):**

Distillates (petroleum), hydrotreated light LD 50 (Rabbit): > 2,000 mg/kg

Ethanol, 2-(2-butoxyethoxy)- LD 50 (Rabbit): 2,764 mg/kg

Distillates (petroleum), hydrotreated light paraffinic LD 50 (Rabbit): > 5,000 mg/kg

Distillates (petroleum), solvent-dewaxed heavy paraffinic LD 50 (Rabbit): > 2,000 mg/kg

Distillates, Petroleum, Hydrotreated Light Naphthenic LD 50 (Rabbit): > 5,000 mg/kg

Distillates (petroleum), hydrotreated heavy paraffinic LD 50 (Rabbit): > 5,000 mg/kg

Distillates (petroleum), solvent-dewaxed light paraffinic LD 50 (Rabbit): > 5,000 mg/kg

Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based LD 50 (Rabbit): > 5,000 mg/kg

Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based LD 50 (Rabbit): > 5,000 mg/kg



White mineral oil (petroleum)	LD 50 (Rabbit): > 2,000 mg/kg
Naphtha	LD 50: > 5,000 mg/kg
Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts	LD 50: > 6,965 mg/kg
Distillates (petroleum), solvent-refined heavy paraffinic	LD 50 (Rabbit): > 5,000 mg/kg
Oils, pine	LD 50: > 2,000 mg/kg

**Inhalation**

**Product:** Not classified for acute toxicity based on available data.

**Specified substance(s):**

Distillates (petroleum), hydrotreated light	LC 50: > 5 mg/l LC 50: > 20 mg/l
Propane	LC 50: > 100 mg/l LC 50: > 100 mg/l
Ethanol, 2-(2-butoxyethoxy)-	LC 50 (Various): > 20 mg/l
Distillates (petroleum), hydrotreated light paraffinic	LC 50 (Rat): > 5.53 mg/l LC 50 (Rat): 10.5 mg/l
Distillates (petroleum), solvent-dewaxed heavy paraffinic	LC 50 (Rat): 10.5 mg/l
Distillates, Petroleum, Hydrotreated Light Naphthenic	LC 50 (Rat): > 5.53 mg/l
Distillates (petroleum), hydrotreated heavy paraffinic	LC 50 (Rat): 10.5 mg/l LC 50: > 100 mg/l LC 50: > 100 mg/l
Distillates (petroleum), solvent-dewaxed light paraffinic	LC 50 (Rat): 10.5 mg/l
Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based	LC 50: > 20 mg/l LC 50 (Rat): > 5.53 mg/l
Lubricating oils	LC 50 (Rat): > 5.53 mg/l



(petroleum), C20-50, hydrotreated neutral oil-based	LC 50: > 20 mg/l
White mineral oil (petroleum)	LC 50 (Rat): > 5 mg/l LC 50: > 20 mg/l
Naphtha	LC 50: > 100 mg/l LC 50: > 100 mg/l
Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts	LC 50: > 5 mg/l LC 50: > 20 mg/l
Distillates (petroleum), solvent-refined heavy paraffinic	LC 50: > 100 mg/l LC 50: > 100 mg/l LC 50 (Rat): > 5.53 mg/l
Oils, pine	LC 50: > 20 mg/l LC 50: > 5 mg/l

**Repeated dose toxicity**

**Product:** No data available.

**Specified substance(s):**

Distillates (petroleum), hydrotreated light	NOAEL (Rat(Female, Male), Inhalation): $\geq$ 24 mg/m <sup>3</sup> Inhalation Experimental result, Key study NOAEL (Rat(Female), Oral, 70 - 147 d): 750 mg/kg Oral Experimental result, Key study
Propane	NOAEL (Rat(Female, Male), Inhalation, $\geq$ 28 d): 4,000 ppm(m) Inhalation Experimental result, Key study LOAEL (Rat(Female, Male), Inhalation, $\geq$ 28 d): 12,000 ppm(m) Inhalation Experimental result, Key study
Ethanol, 2-(2-butoxyethoxy)-	NOAEL (Rat(Female, Male), Oral, 90 d): 250 mg/kg Oral Experimental result, Key study NOAEL (Rat(Female, Male), Dermal, 13 Weeks): > 2,000 mg/kg Dermal Experimental result, Key study NOAEL (Rat(Female, Male), Inhalation, 90 - 120 d): 14 ppm(m) Inhalation Experimental result, Key study
Distillates (petroleum), hydrotreated light paraffinic	NOAEL (Rat(Female, Male), Inhalation): 220 mg/m <sup>3</sup> Inhalation Experimental result, Key study NOAEL (Rabbit(Female, Male), Dermal): 1,000 mg/kg Dermal Experimental result, Key study LOAEL (Mouse(Male), Dermal, 24 Months): 100 mg/kg Dermal Experimental result, Key study
Distillates (petroleum), solvent-dewaxed heavy paraffinic	LOAEL (Rat(Male), Oral, 13 Weeks): 125 mg/kg Oral Read-across from supporting substance (structural analogue or surrogate), Key study NOAEL (Rat(Female, Male), Inhalation): 50 - 150 mg/m <sup>3</sup> Inhalation Experimental result, Supporting study NOAEL (Rat(Female, Male), Inhalation): > 980 mg/m <sup>3</sup> Inhalation Experimental result, Key study NOAEL (Rat(Female, Male), Dermal, 13 Weeks): < 30 mg/kg Dermal Read-across from supporting substance (structural analogue or surrogate), Key study



Distillates, Petroleum, Hydrotreated Light Naphthenic	NOAEL (Rat, Inhalation): 500 mg/m3 Inhalation Experimental result, Supporting study NOAEL (Rat(Female, Male), Inhalation): 220 mg/m3 Inhalation Experimental result, Key study NOAEL (Rabbit(Female, Male), Dermal): 1,000 mg/kg Dermal Experimental result, Key study
Distillates (petroleum), hydrotreated heavy paraffinic	NOAEL (Rat(Female, Male), Inhalation): > 980 mg/m3 Inhalation Experimental result, Key study LOAEL (Mouse(Male), Dermal, 24 Months): 100 mg/kg Dermal Experimental result, Key study NOAEL (Rat(Female, Male), Dermal, 13 Weeks): >= 2,000 mg/kg Dermal Experimental result, Key study
Distillates (petroleum), solvent-dewaxed light paraffinic	NOAEL (Rat(Female, Male), Inhalation): > 980 mg/m3 Inhalation Experimental result, Key study LOAEL (Rat(Male), Oral, 13 Weeks): 125 mg/kg Oral Read-across from supporting substance (structural analogue or surrogate), Key study NOAEL (Rat(Female, Male), Dermal, 13 Weeks): >= 2,000 mg/kg Dermal Experimental result, Key study
Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based	NOAEL (Rat(Female, Male), Inhalation): > 980 mg/m3 Inhalation Experimental result, Key study NOAEL (Rat(Female, Male), Dermal, 13 Weeks): >= 2,000 mg/kg Dermal Experimental result, Key study
Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based	NOAEL (Rat(Female, Male), Inhalation): > 980 mg/m3 Inhalation Experimental result, Key study LOAEL (Mouse(Male), Dermal, 24 Months): 100 mg/kg Dermal Experimental result, Key study
White mineral oil (petroleum)	NOAEL (Rat(Female, Male), Oral, 90 d): >= 20,000 ppm(m) Oral Experimental result, Key study NOAEL (Rabbit(Female, Male), Dermal): 1,000 mg/kg Dermal Read-across from supporting substance (structural analogue or surrogate), Key study LOAEL (Rat(Female, Male), Inhalation): 210 mg/m3 Inhalation Experimental result, Key study
Naphtha	NOAEL (Rat(Female, Male), Oral, <= 90 d): 50 mg/kg Oral Experimental result, Key study
Distillates (petroleum), solvent-refined heavy paraffinic	LOAEL (Rat(Male), Oral, 13 Weeks): 125 mg/kg Oral Read-across from supporting substance (structural analogue or surrogate), Key study NOAEL (Rat(Female, Male), Dermal, 13 Weeks): >= 2,000 mg/kg Dermal Experimental result, Key study NOAEL (Rat(Female, Male), Inhalation): 220 mg/m3 Inhalation Experimental result, Key study

**Skin Corrosion/Irritation**

**Product:** No data available.

**Specified substance(s):**

Distillates (petroleum), hydrotreated light	in vivo (Rabbit): Not irritant Experimental result, Key study
Ethanol, 2-(2-butoxyethoxy)-	in vivo (Rabbit): Not irritant Experimental result, Supporting study
Distillates (petroleum), hydrotreated light paraffinic	in vivo (Rabbit): Not irritant Experimental result, Key study
Distillates (petroleum), solvent-dewaxed heavy paraffinic	in vivo (Rabbit): Not irritant Experimental result, Key study



Distillates, Petroleum, Hydrotreated Light Naphthenic	in vivo (Rabbit): Not irritant	Experimental result, Key study
Distillates (petroleum), hydrotreated heavy paraffinic	in vivo (Rabbit): Not irritant	Experimental result, Key study
Distillates (petroleum), solvent-dewaxed light paraffinic	in vivo (Rabbit): Not irritant	Experimental result, Key study
Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based	in vivo (Rabbit): Not irritant	Experimental result, Key study
Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based	in vivo (Rabbit): Not irritant	Experimental result, Key study
White mineral oil (petroleum)	in vivo (Rabbit): Not irritant	Experimental result, Key study
Naphtha	in vivo (Rabbit): Not irritant	Experimental result, Key study
Distillates (petroleum), solvent-refined heavy paraffinic	in vivo (Rabbit): Not irritant	Experimental result, Key study

**Serious Eye Damage/Eye Irritation**

**Product:** No data available.

**Specified substance(s):**

Distillates (petroleum), hydrotreated light	Rabbit, 24 - 72 hrs: Not irritating
Ethanol, 2-(2-butoxyethoxy)-	Rabbit, 24 - 72 hrs: Highly irritating
Distillates (petroleum), hydrotreated light paraffinic	Rabbit, 48 hrs: Not irritating
Distillates (petroleum), solvent-dewaxed heavy paraffinic	Rabbit, 48 hrs: Not irritating
Distillates, Petroleum, Hydrotreated Light Naphthenic	Rabbit, 48 hrs: Not irritating



Distillates (petroleum), hydrotreated heavy paraffinic	Rabbit, 48 hrs: Not irritating
Distillates (petroleum), solvent-dewaxed light paraffinic	Rabbit, 48 hrs: Not irritating
Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based	Rabbit, 48 hrs: Not irritating
Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based	Rabbit, 48 hrs: Not irritating
White mineral oil (petroleum)	Rabbit, 24 - 72 hrs: Not irritating
Distillates (petroleum), solvent-refined heavy paraffinic	Rabbit, 48 hrs: Not irritating

**Respiratory or Skin Sensitization**

**Product:** No data available.

**Specified substance(s):**

Distillates (petroleum), hydrotreated light	Skin sensitization:, in vivo (Guinea pig): Non sensitising
Ethanol, 2-(2-butoxyethoxy)-	Skin sensitization:, in vivo (Guinea pig): Non sensitising
Distillates (petroleum), hydrotreated light paraffinic	Skin sensitization:, in vivo (Guinea pig): Non sensitising
Distillates (petroleum), solvent-dewaxed heavy paraffinic	Skin sensitization:, in vivo (Guinea pig): Non sensitising
Distillates, Petroleum, Hydrotreated Light Naphthenic	Skin sensitization:, in vivo (Guinea pig): Non sensitising
Distillates (petroleum), hydrotreated heavy paraffinic	Skin sensitization:, in vivo (Guinea pig): Non sensitising
Distillates (petroleum), solvent-dewaxed light paraffinic	Skin sensitization:, in vivo (Guinea pig): Non sensitising
Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based	Skin sensitization:, in vivo (Guinea pig): Non sensitising
Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based	Skin sensitization:, in vivo (Guinea pig): Non sensitising
White mineral oil (petroleum)	Skin sensitization:, in vivo (Guinea pig): Non sensitising



Distillates (petroleum), solvent-refined heavy paraffinic      Skin sensitization:, in vivo (Guinea pig): Non sensitising

**Carcinogenicity**

**Product:**      No data available.

**IARC Monographs on the Evaluation of Carcinogenic Risks to Humans:**

No carcinogenic components identified

**US. National Toxicology Program (NTP) Report on Carcinogens:**

No carcinogenic components identified

**US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050):**

No carcinogenic components identified

**Germ Cell Mutagenicity**

**In vitro**

**Product:**      No data available.

**In vivo**

**Product:**      No data available.

**Reproductive toxicity**

**Product:**      No data available.

**Specific Target Organ Toxicity - Single Exposure**

**Product:**      No data available.

**Specific Target Organ Toxicity - Repeated Exposure**

**Product:**      No data available.

**Aspiration Hazard**

**Product:**      No data available.

**Specified substance(s):**

Distillates (petroleum), hydrotreated light      May be fatal if swallowed and enters airways.

Distillates, Petroleum, Hydrotreated Light      May be fatal if swallowed and enters airways.

Naphthenic White mineral oil      May be fatal if swallowed and enters airways.

(petroleum) Oils, pine      May be fatal if swallowed and enters airways.

**Other effects:**      No data available.

**12. Ecological information**

**Ecotoxicity:**

**Acute hazards to the aquatic environment:**

**Fish**

**Product:**      No data available.

**Specified substance(s):**



Propane	LC 50 (Various, 96 h): 147.54 mg/l QSAR QSAR, Key study
Ethanol, 2-(2-butoxyethoxy)-	LC 50 (Lepomis macrochirus, 96 h): 1,300 mg/l Experimental result, Key study LC 50 (Pimephales promelas, 96 h): 2,400 mg/l Experimental result, Supporting study
Distillates (petroleum), hydrotreated light paraffinic	LL 50 (Pimephales promelas, 96 h): > 100 mg/l Experimental result, Key study
Distillates (petroleum), solvent-dewaxed heavy paraffinic	LL 50 (Pimephales promelas, 96 h): > 100 mg/l Experimental result, Key study
Distillates, Petroleum, Hydrotreated Light Naphthenic	LL 50 (Pimephales promelas, 96 h): > 100 mg/l Experimental result, Key study
Distillates (petroleum), hydrotreated heavy paraffinic	LL 50 (Pimephales promelas, 96 h): > 100 mg/l Experimental result, Key study
Distillates (petroleum), solvent-dewaxed light paraffinic	LL 50 (Pimephales promelas, 96 h): > 100 mg/l Experimental result, Key study
Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based	LL 50 (Pimephales promelas, 96 h): > 100 mg/l Experimental result, Key study
Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based	LL 50 (Pimephales promelas, 96 h): > 100 mg/l Experimental result, Key study
White mineral oil (petroleum)	NOAEL (Oncorhynchus mykiss, 96 h): $\geq$ 100 mg/l Experimental result, Key study LL 50 (Oncorhynchus mykiss, 96 h): > 100 mg/l Experimental result, Key study
Naphtha	LL 50 (Danio rerio, 96 h): > 1,000 mg/l Experimental result, Key study
Distillates (petroleum), solvent-refined heavy paraffinic	LL 50 (Pimephales promelas, 96 h): > 100 mg/l Experimental result, Key study

**Aquatic Invertebrates**

**Product:** No data available.

**Specified substance(s):**

Ethanol, 2-(2-butoxyethoxy)-	LC 50 (Daphnia magna, 48 h): +/- 1,743 mg/l QSAR QSAR, Supporting study
Distillates (petroleum), hydrotreated light paraffinic	EC 50 (Daphnia magna, 48 h): > 10,000 mg/l Experimental result, Key study
Distillates (petroleum),	EC 50 (Daphnia magna, 48 h): > 10,000 mg/l Experimental result, Key study





solvent-dewaxed heavy paraffinic

Distillates, Petroleum, Hydrotreated Light Naphthenic EC 50 (Daphnia magna, 48 h): > 10,000 mg/l Experimental result, Key study  
NOAEL (Daphnia magna, 48 h): >= 10,000 mg/l Experimental result, Key study

Distillates (petroleum), hydrotreated heavy paraffinic EC 50 (Daphnia magna, 48 h): > 10,000 mg/l Experimental result, Key study

Distillates (petroleum), solvent-dewaxed light paraffinic EC 50 (Daphnia magna, 48 h): > 10,000 mg/l Experimental result, Key study

Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based EC 50 (Daphnia magna, 48 h): > 10,000 mg/l Experimental result, Key study

Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based EC 50 (Daphnia magna, 48 h): > 10,000 mg/l Experimental result, Key study

White mineral oil (petroleum) NOAEL (Daphnia magna, 48 h): >= 100 mg/l Experimental result, Key study

Naphtha EC 50 (Daphnia magna, 48 h): > 100 mg/l Experimental result, Key study

Distillates (petroleum), solvent-refined heavy paraffinic EC 50 (Daphnia magna, 48 h): > 10,000 mg/l Experimental result, Key study

Oils, pine EC 50 (48 h): < 10 mg/l estimation

**Chronic hazards to the aquatic environment:**

**Fish**

**Product:** No data available.

**Specified substance(s):**

Distillates (petroleum), hydrotreated light NOAEL (Oncorhynchus mykiss): 0.098 mg/l QSAR QSAR, Key study

Distillates (petroleum), hydrotreated light paraffinic NOAEL (Oncorhynchus mykiss): >= 1,000 mg/l QSAR QSAR, Supporting study

Distillates (petroleum), solvent-dewaxed heavy paraffinic NOAEL (Oncorhynchus mykiss): >= 1,000 mg/l QSAR QSAR, Supporting study

Distillates, Petroleum, Hydrotreated Light Naphthenic NOAEL (Oncorhynchus mykiss): >= 1,000 mg/l QSAR QSAR, Supporting study

Distillates (petroleum), hydrotreated heavy paraffinic NOAEL (Oncorhynchus mykiss): >= 1,000 mg/l QSAR QSAR, Supporting study



Distillates (petroleum), solvent-dewaxed light paraffinic	NOAEL (Oncorhynchus mykiss): $\geq$ 1,000 mg/l QSAR QSAR, Supporting study
Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based	NOAEL (Oncorhynchus mykiss): $\geq$ 1,000 mg/l QSAR QSAR, Supporting study
Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based	NOAEL (Oncorhynchus mykiss): $\geq$ 1,000 mg/l QSAR QSAR, Supporting study
White mineral oil (petroleum)	NOAEL (Oncorhynchus mykiss): $\geq$ 1,000 mg/l QSAR QSAR, Supporting study
Naphtha	NOAEL (Pimephales promelas): 100 mg/l Experimental result, Key study
Distillates (petroleum), solvent-refined heavy paraffinic	NOAEL (Oncorhynchus mykiss): $\geq$ 1,000 mg/l QSAR QSAR, Supporting study

**Aquatic Invertebrates**

**Product:** No data available.

**Specified substance(s):**

Distillates (petroleum), hydrotreated light paraffinic	NOAEL (Daphnia magna): 10 mg/l Experimental result, Key study
Distillates (petroleum), solvent-dewaxed heavy paraffinic	EC 50 (Daphnia magna): $>$ 1,000 mg/l Experimental result, Supporting study
Distillates, Petroleum, Hydrotreated Light Naphthenic	NOAEL (Daphnia magna): 10 mg/l Experimental result, Key study
Distillates (petroleum), hydrotreated heavy paraffinic	NOAEL (Daphnia magna): $\geq$ 1,000 mg/l Experimental result, Supporting study
Distillates (petroleum), solvent-dewaxed light paraffinic	NOAEL (Daphnia magna): 10 mg/l Experimental result, Key study
Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based	NOAEL (Daphnia magna): 10 mg/l Experimental result, Key study
Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based	NOAEL (Daphnia magna): $\geq$ 1,000 mg/l Experimental result, Supporting study
White mineral oil (petroleum)	NOAEL (Daphnia magna): $\geq$ 1,000 mg/l QSAR QSAR, Supporting study



Naphtha EC 50 (Daphnia magna): > 100 mg/l Experimental result, Key study

Distillates (petroleum), solvent-refined heavy paraffinic NOAEL (Daphnia magna): 10 mg/l Experimental result, Key study

**Toxicity to Aquatic Plants  
Product:**

No data available.

**Persistence and Degradability**

**Biodegradation  
Product:**

No data available.

**Specified substance(s):**

Distillates (petroleum), hydrotreated light 61 % Detected in water. Experimental result, Supporting study

Propane 100 % (385.5 h) Detected in water. Experimental result, Key study  
50 % (3.19 d) Detected in water. QSAR, Weight of Evidence study

Ethanol, 2-(2-butoxyethoxy)- 85 % (28 d) Detected in water. Experimental result, Key study

Distillates (petroleum), hydrotreated light paraffinic 31 % (28 d) Detected in water. Experimental result, Supporting study  
2 - 8 % (28 d) Detected in water. Experimental result, Supporting study

Distillates (petroleum), solvent-dewaxed heavy paraffinic 2 - 8 % (28 d) Detected in water. Experimental result, Supporting study  
31 % (28 d) Detected in water. Read-across based on grouping of substances (category approach), Supporting study

Distillates, Petroleum, Hydrotreated Light Naphthenic 31 % (28 d) Detected in water. Experimental result, Supporting study  
2 - 8 % (28 d) Detected in water. Experimental result, Supporting study

Distillates (petroleum), hydrotreated heavy paraffinic 2 - 8 % (28 d) Detected in water. Experimental result, Supporting study  
31 % (28 d) Detected in water. Experimental result, Supporting study

Distillates (petroleum), solvent-dewaxed light paraffinic 31 % (28 d) Detected in water. Experimental result, Supporting study  
2 - 8 % (28 d) Detected in water. Experimental result, Supporting study

Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based 2 - 8 % (28 d) Detected in water. Experimental result, Supporting study  
31 % (28 d) Detected in water. Experimental result, Supporting study

Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based 31 % (28 d) Detected in water. Read-across based on grouping of substances (category approach), Supporting study  
2 - 4 % (28 d) Detected in water. Experimental result, Supporting study

White mineral oil (petroleum) 31 % (28 d) Detected in water. Read-across from supporting substance (structural analogue or surrogate), Supporting study

Naphtha 65 % (28 d) Detected in water. Experimental result, Key study



Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts	0 % (28 d)
Distillates (petroleum), solvent-refined heavy paraffinic	2 - 4 % (28 d) Detected in water. Experimental result, Supporting study 31 % (28 d) Detected in water. Read-across based on grouping of substances (category approach), Supporting study
Oils, pine	Animal and vegetable fats and oils are biodegradable.

**BOD/COD Ratio**

**Product:** No data available.

**Bioaccumulative potential**

**Bioconcentration Factor (BCF)**

**Product:** No data available.

**Specified substance(s):**

Naphtha      Cyprinus carpio, Bioconcentration Factor (BCF): <= 29 Aquatic sediment  
Experimental result, Key study

**Partition Coefficient n-octanol / water (log Kow)**

**Product:** No data available.

**Specified substance(s):**

Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts      Log Kow: 14.87 25 °C

**Mobility in soil:** No data available.

**Known or predicted distribution to environmental compartments**

Distillates (petroleum), hydrotreated light	No data available.
Propane	No data available.
Ethanol, 2-(2-butoxyethoxy)-	No data available.
Distillates (petroleum), hydrotreated light paraffinic	No data available.
Distillates (petroleum), solvent-dewaxed heavy paraffinic	No data available.
Distillates, Petroleum, Hydrotreated Light Naphthenic	No data available.
Distillates (petroleum), hydrotreated heavy paraffinic	No data available.
Distillates (petroleum), solvent-dewaxed light paraffinic	No data available.
Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based	No data available.
Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based	No data available.
White mineral oil (petroleum)	No data available.
Naphtha	No data available.



Phosphorodithioic acid,  
O,O-di-C1-14-alkyl esters,  
zinc salts  
Distillates (petroleum),  
solvent-refined heavy  
paraffinic  
Oils, pine

No data available.  
No data available.  
No data available.

**Other adverse effects:** No data available.

**13. Disposal considerations**

**Disposal instructions:** Discharge, treatment, or disposal may be subject to national, state, or local laws.

**Contaminated Packaging:** No data available.

**14. Transport information**

**DOT**

UN Number: UN 1950  
UN Proper Shipping Name: Aerosols, flammable  
Transport Hazard Class(es)  
Class: 2.1  
Label(s): -  
Packing Group: II  
Marine Pollutant: No  
  
Environmental Hazards: No  
Marine Pollutant: No  
  
Special precautions for user: Not regulated.

**IMDG**

UN Number: UN 1950  
UN Proper Shipping Name: Aerosols, flammable  
Transport Hazard Class(es)  
Class: 2  
Label(s): -  
EmS No.:  
Packing Group: -  
  
Environmental Hazards: No  
Marine Pollutant: No  
  
Special precautions for user: Not regulated.

**IATA**

UN Number: UN 1950  
Proper Shipping Name: Aerosols, flammable  
Transport Hazard Class(es):  
Class: 2.1  
Label(s): -  
Packing Group: -  
  
Environmental Hazards: No  
Marine Pollutant: No  
  
Special precautions for user: Not regulated.



**15. Regulatory information**

**US Federal Regulations**

Restrictions on use: Not known.

**TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)**  
**US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)**  
None present or none present in regulated quantities.

**CERCLA Hazardous Substance List (40 CFR 302.4):**

<u>Chemical Identity</u>	<u>Reportable quantity</u>
Propane	lbs. 100

**Superfund Amendments and Reauthorization Act of 1986 (SARA)**

**Hazard categories**

- Fire Hazard
- Immediate (Acute) Health Hazards
- Flammable aerosol
- Serious Eye Damage/Eye Irritation
- Aspiration Hazard

**SARA 302 Extremely Hazardous Substance**

<u>Chemical Identity</u>	<u>Reportable quantity</u>	<u>Threshold Planning Quantity</u>
Distillates (petroleum), hydrotreated light		

**SARA 304 Emergency Release Notification**

<u>Chemical Identity</u>	<u>Reportable quantity</u>
Distillates (petroleum), hydrotreated light	
Propane	lbs. 100
Ethanol, 2-(2-butoxyethoxy)-	
Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts	

**SARA 311/312 Hazardous Chemical**

<u>Chemical Identity</u>	<u>Threshold Planning Quantity</u>
Distillates (petroleum), hydrotreated light	10000 lbs
Propane	10000 lbs
Ethanol, 2-(2-butoxyethoxy)-	10000 lbs
Distillates (petroleum), hydrotreated light paraffinic	10000 lbs
Distillates (petroleum), solvent-dewaxed heavy paraffinic	10000 lbs
Distillates, Petroleum, Hydrotreated Light Naphthenic	10000 lbs
Distillates (petroleum), hydrotreated heavy	10000 lbs



paraffinic Distillates (petroleum), solvent-dewaxed light paraffinic	10000 lbs
Lubricating oils (petroleum), C15-30, hydrotreated neutral oil- based	10000 lbs
Lubricating oils (petroleum), C20-50, hydrotreated neutral oil- based	10000 lbs
White mineral oil (petroleum)	10000 lbs
Naphtha	10000 lbs
Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts	10000 lbs
Distillates (petroleum), solvent-refined heavy paraffinic	10000 lbs
Oils, pine	10000 lbs
Distillates (petroleum), solvent-refined light paraffinic	10000 lbs
Molybdenum sulfide (MoS <sub>2</sub> )	10000 lbs

**SARA 313 (TRI Reporting)**

<u>Chemical Identity</u>	<u>Reporting threshold for other users</u>	<u>Reporting threshold for manufacturing and processing</u>
Ethanol, 2-(2- butoxyethoxy)-	N230 lbs	N230 lbs.
Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts	N982 lbs	N982 lbs.

**Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130):  
Clean Water Act Section 311 Hazardous Substances (40 CFR 117.3)  
US State Regulations**

**US. California Proposition 65**

No ingredient requiring a warning under CA Prop 65.

**US. New Jersey Worker and Community Right-to-Know Act**

Chemical Identity

Distillates (petroleum), hydrotreated light  
Propane  
Ethanol, 2-(2-butoxyethoxy)-  
Distillates (petroleum), hydrotreated light paraffinic  
Distillates (petroleum), solvent-dewaxed heavy paraffinic  
Distillates, Petroleum, Hydrotreated Light Naphthenic  
Distillates (petroleum), hydrotreated heavy paraffinic  
Distillates (petroleum), solvent-dewaxed light paraffinic  
White mineral oil (petroleum)  
Naphtha  
Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts  
Distillates (petroleum), solvent-refined heavy paraffinic

**US. Massachusetts RTK - Substance List**



**Chemical Identity**

Distillates (petroleum), hydrotreated light paraffinic  
Distillates, Petroleum, Hydrotreated Light Naphthenic  
Distillates (petroleum), solvent-dewaxed light paraffinic  
Distillates (petroleum), solvent-refined light paraffinic

**US. Pennsylvania RTK - Hazardous Substances**

**Chemical Identity**

Distillates (petroleum), hydrotreated light  
Propane  
Ethanol, 2-(2-butoxyethoxy)-  
Distillates (petroleum), hydrotreated light paraffinic  
Distillates (petroleum), solvent-dewaxed heavy paraffinic  
Distillates, Petroleum, Hydrotreated Light Naphthenic  
Distillates (petroleum), hydrotreated heavy paraffinic  
Distillates (petroleum), solvent-dewaxed light paraffinic  
White mineral oil (petroleum)  
Naphtha  
Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts

**US. Rhode Island RTK**

No ingredient regulated by RI Right-to-Know Law present.

**International regulations**

**Montreal protocol**

Distillates (petroleum),  
hydrotreated light

**Stockholm convention**

Distillates (petroleum), hydrotreated light - -

**Rotterdam convention**

Distillates (petroleum), hydrotreated light - -

**Kyoto protocol**





**Inventory Status:**

Australia AICS:	On or in compliance with the inventory
Canada DSL Inventory List:	On or in compliance with the inventory
Canada NDSL Inventory:	Not in compliance with the inventory.
Ontario Inventory:	Not in compliance with the inventory.
China Inv. Existing Chemical Substances:	Not in compliance with the inventory.
Japan (ENCS) List:	Not in compliance with the inventory.
Japan ISHL Listing:	Not in compliance with the inventory.
Japan Pharmacopoeia Listing:	Not in compliance with the inventory.
Korea Existing Chemicals Inv. (KECI):	Not in compliance with the inventory.
Mexico INSQ:	Not in compliance with the inventory.
New Zealand Inventory of Chemicals:	On or in compliance with the inventory
Philippines PICCS:	On or in compliance with the inventory
Taiwan Chemical Substance Inventory:	On or in compliance with the inventory
US TSCA Inventory:	Not in compliance with the inventory.
EINECS, ELINCS or NLP:	Not in compliance with the inventory.

**16. Other information, including date of preparation or last revision**

<b>Issue Date:</b>	11/25/2019
<b>Revision Information:</b>	No data available.
<b>Version #:</b>	1.0
<b>Further Information:</b>	No data available.
<b>Disclaimer:</b>	This information is provided without warranty. The information is believed to be correct. This information should be used to make an independent determination of the methods to safeguard workers and the environment.