



# SAFETY DATA SHEET

## 1. Product and Company Identification

<b>Product identifier</b>	<b>Marine MTX - 1530, 1540</b>
<b>Other means of identification</b>	Not available
<b>Recommended use</b>	Lubricant
<b>Recommended restrictions</b>	None known.
<b>Manufacturer information</b>	Irving Blending & Packaging PO Box 1169 Saint John, NB E2L 4E6 CA Phone: 1.800.574.5823 Emergency Phone: 1.506.648.3060
<b>Supplier</b>	See above.

## 2. Hazards Identification

<b>Physical hazards</b>	Not classified.	
<b>Health hazards</b>	Serious eye damage/eye irritation	Category 2
	Sensitization, skin	Category 1
	Reproductive toxicity	Category 1B
<b>Environmental hazards</b>	Not classified.	
<b>WHMIS 2015 defined hazards</b>	Not classified	
<b>Label elements</b>		



**Signal word** Danger

**Hazard statement** Causes serious eye irritation. May damage fertility or the unborn child. May cause an allergic skin reaction.

**Precautionary statement**

**Prevention**

Avoid breathing mist or vapor. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves/protective clothing/eye protection/face protection. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wash thoroughly after handling.

**Response**

IF ON SKIN: Wash with plenty of water. If skin irritation or rash occurs: Get medical advice/attention. Specific treatment (see information on this label). Take off contaminated clothing and wash it before reuse. 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 exposed or concerned: Get medical advice/attention.

**Storage**

Store locked up.

**Disposal**

Dispose of contents/container in accordance with local/regional/national/international regulations.

**WHMIS 2015: Health Hazard(s) not otherwise classified (HHNOC)** None known

**WHMIS 2015: Physical Hazard(s) not otherwise classified (PHNOC)** None known

**Hazard(s) not otherwise classified (HNOC)** None known.

**Supplemental information** None.

## 3. Composition/Information on Ingredients

**Mixture**

<b>Chemical name</b>	<b>Common name and synonyms</b>	<b>CAS number</b>	<b>%</b>
Paraffin Oils (petroleum), Catalytic Dewaxed Heavy		64742-70-7	60-100

Chemical name	Common name and synonyms	CAS number	%
Lubricating oils (A complex combination of hydrocarbons obtained from solvent extraction and dewaxing processes. It consists predominantly of saturated hydrocarbons having carbon numbers in the range C15 through C50.)		74869-22-0	4
Distillates (petroleum), Clay-treated Light Naphthenic		64742-45-6	1-5
Distillates (petroleum), hydrotreated heavy naphthenic		64742-52-5	1-5
Distillates (petroleum), hydrotreated heavy paraffinic		64742-54-7	1-5
Distillates (petroleum), hydrotreated light naphthenic		64742-53-6	1-5
Distillates (petroleum), hydrotreated light paraffinic		64742-55-8	1-5
Distillates (petroleum), solvent refined light naphthenic		64741-97-5	1-5
Distillates (petroleum), Solvent-dewaxed Heavy Naphthenic		64742-63-8	1-5
Distillates (petroleum), solvent-dewaxed heavy paraffin		64742-65-0	1-5
Distillates (petroleum), Solvent-dewaxed Light Naphthenic		64742-64-9	1-5
Distillates (petroleum), solvent-refined heavy naphthenic		64741-96-4	1-5
Distillates (petroleum), solvent-refined heavy paraffinic		64741-88-4	1-5
Distillates (petroleum), solvent-refined light paraffinic		64741-89-5	1-5
Distillates, petroleum, clay-treated heavy naphthenic		64742-44-5	1-5
Lubricating Oils (petroleum), C>25, Solvent-extd., Deasphalted, Dewaxed, Hydrogenated		101316-69-2	1-5
Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based		72623-86-0	1-5
Lubricating Oils (petroleum), C17-32, Solvent-extd., Dewaxed, Hydrogenated		101316-70-5	1-5
Lubricating Oils (petroleum), C20-35, Solvent-extd., Dewaxed, Hydrogenated		101316-71-6	1-5
Lubricating Oils (petroleum), C24-50, Solvent-extd., Dewaxed, Hydrogenated		101316-72-7	1-5
Lubricating oils, petroleum, C20-50, hydrotreated neutral oil-based		72623-87-1	1-5
Lubricating oils, petroleum, C20-50, hydrotreated neutral oil-based, high-viscosity		72623-85-9	1-5
Lubricating oils, petroleum, hydrotreated spent		64742-58-1	1-5
Petroleum distillates, solvent dewaxed light paraffinic		64742-56-9	1-5
Residual oils (petroleum), hydrotreated		64742-57-0	1-5
Residual Oils (petroleum), Hydrotreated Solvent Dewaxed		90669-74-2	1-5
Residual Oils (petroleum), Solvent Deasphalted		64741-95-3	1-5

Chemical name	Common name and synonyms	CAS number	%
Residual oils (Petroleum), solvent-dewaxed		64742-62-7	1-5
Residual oils (petroleum), solvent-refined		64742-01-4	1-5
Phenol, (tetrapropenyl) Derivs., Calcium Salts		132752-19-3	0.4
Benzenesulfonic Acid, Methyl-, Mono-c20-24-branched Alkyl Derivs., Calcium Salts.		722503-68-6	0.3

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

**Composition comments** \*\* The base oil may be a mixture of the above-mentioned CAS numbers

#### 4. First Aid Measures

<b>Inhalation</b>	If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. Call a physician if symptoms develop or persist.
<b>Skin contact</b>	IF ON SKIN: Wash with plenty of water. If skin irritation or rash occurs: Get medical advice/attention. Specific treatment (see information on this label). Take off contaminated clothing and wash it before reuse.
<b>Eye contact</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.
<b>Ingestion</b>	Rinse mouth. If ingestion of a large amount does occur, call a poison control center immediately.
<b>Most important symptoms/effects, acute and delayed</b>	Symptoms may include stinging, tearing, redness, swelling, and blurred vision.
<b>Indication of immediate medical attention and special treatment needed</b>	Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.
<b>General information</b>	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. IF exposed or concerned: Get medical advice/attention.

#### 5. Fire Fighting Measures

<b>Suitable extinguishing media</b>	Water fog. Foam. Dry chemical powder. Carbon dioxide (CO <sub>2</sub> ).
<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>	During fire, gases hazardous to health may be formed.
<b>Special protective equipment and precautions for firefighters</b>	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
<b>Fire-fighting equipment/instructions</b>	Move containers from fire area if you can do so without risk.
<b>Specific methods</b>	Use standard firefighting procedures and consider the hazards of other involved materials.
<b>General fire hazards</b>	No unusual fire or explosion hazards noted.
<b>Hazardous combustion products</b>	Not available

#### 6. Accidental Release Measures

<b>Personal precautions, protective equipment and emergency procedures</b>	Keep unnecessary personnel away. Keep out of low areas. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.
<b>Methods and materials for containment and cleaning up</b>	Stop the flow of material, if this is without risk.  Large Spills: Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Prevent entry into waterways, sewer, basements or confined areas. Following product recovery, flush area with water.  Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.
<b>Environmental precautions</b>	Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS. Avoid discharge into drains, water courses or onto the ground.

## 7. Handling and Storage

<b>Precautions for safe handling</b>	Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Avoid contact during pregnancy/while nursing. Avoid contact with eyes. Avoid prolonged exposure. Provide adequate ventilation. Wear appropriate personal protective equipment. Observe good industrial hygiene practices. Use personal protective equipment as required. When using, do not eat, drink or smoke. Wash hands thoroughly after handling.
<b>Conditions for safe storage, including any incompatibilities</b>	Store locked up. Keep container tightly closed. Store away from incompatible materials (see Section 10 of the SDS).

## 8. Exposure Controls/Personal Protection

### Occupational exposure limits

#### Canada. Alberta OELs (Occupational Health & Safety Code, Schedule 1, Table 2)

Components	Type	Value	Form
Distillates (petroleum), hydrotreated heavy naphthenic (CAS 64742-52-5)	STEL	10 mg/m3	Mist.
	TWA	5 mg/m3	Mist.
Distillates (petroleum), hydrotreated light naphthenic (CAS 64742-53-6)	STEL	10 mg/m3	Mist.
	TWA	5 mg/m3	Mist.
Distillates (petroleum), hydrotreated light paraffinic (CAS 64742-55-8)	STEL	10 mg/m3	Mist.
	TWA	5 mg/m3	Mist.
Distillates (petroleum), solvent refined light naphthenic (CAS 64741-97-5)	STEL	10 mg/m3	Mist.
	TWA	5 mg/m3	Mist.
Distillates (petroleum), solvent-dewaxed heavy paraffin (CAS 64742-65-0)	STEL	10 mg/m3	Mist.
	TWA	5 mg/m3	Mist.
Distillates (petroleum), Solvent-dewaxed Light Naphthenic (CAS 64742-64-9)	STEL	10 mg/m3	Mist.
	TWA	5 mg/m3	Mist.
Distillates (petroleum), solvent-refined heavy naphthenic (CAS 64741-96-4)	STEL	10 mg/m3	Mist.
	TWA	5 mg/m3	Mist.
Distillates (petroleum), solvent-refined heavy paraffinic (CAS 64741-88-4)	STEL	10 mg/m3	Mist.
	TWA	5 mg/m3	Mist.
Distillates (petroleum), solvent-refined light paraffinic (CAS 64741-89-5)	STEL	10 mg/m3	Mist.
	TWA	5 mg/m3	Mist.
Paraffin Oils (petroleum), Catalytic Dewaxed Heavy (CAS 64742-70-7)	STEL	10 mg/m3	Mist.
	TWA	5 mg/m3	Mist.
Petroleum distillates, solvent dewaxed light paraffinic (CAS 64742-56-9)	STEL	10 mg/m3	Mist.
	TWA	5 mg/m3	Mist.

**Canada. Alberta OELs (Occupational Health & Safety Code, Schedule 1, Table 2)**

<b>Components</b>	<b>Type</b>	<b>Value</b>	<b>Form</b>
Residual oils (petroleum), hydrotreated (CAS 64742-57-0)	STEL	10 mg/m <sup>3</sup>	Mist.
	TWA	5 mg/m <sup>3</sup>	Mist.

**Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended)**

<b>Components</b>	<b>Type</b>	<b>Value</b>	<b>Form</b>
Distillates (petroleum), Clay-treated Light Naphthenic (CAS 64742-45-6)	TWA	0.2 mg/m <sup>3</sup>	Mist.
Distillates (petroleum), Solvent-dewaxed Light Naphthenic (CAS 64742-64-9)	TWA	0.2 mg/m <sup>3</sup>	Mist.
Lubricating Oils (petroleum), C17-32, Solvent-extd., Dewaxed, Hydrogenated (CAS 101316-70-5)	TWA	0.2 mg/m <sup>3</sup>	Mist.
Lubricating Oils (petroleum), C20-35, Solvent-extd., Dewaxed, Hydrogenated (CAS 101316-71-6)	TWA	0.2 mg/m <sup>3</sup>	Mist.

**Canada. Manitoba OELs (Reg. 217/2006, The Workplace Safety And Health Act)**

<b>Components</b>	<b>Type</b>	<b>Value</b>	<b>Form</b>
Distillates (petroleum), hydrotreated heavy naphthenic (CAS 64742-52- 5)	TWA	5 mg/m <sup>3</sup>	Inhalable fraction.
Distillates (petroleum), hydrotreated heavy paraffinic (CAS 64742-54-7)	TWA	5 mg/m <sup>3</sup>	Inhalable fraction.
Distillates (petroleum), hydrotreated light naphthenic (CAS 64742-53- 6)	TWA	5 mg/m <sup>3</sup>	Inhalable fraction.
Distillates (petroleum), hydrotreated light paraffinic (CAS 64742-55-8)	TWA	5 mg/m <sup>3</sup>	Inhalable fraction.
Distillates (petroleum), solvent refined light naphthenic (CAS 64741-97- 5)	TWA	5 mg/m <sup>3</sup>	Inhalable fraction.
Distillates (petroleum), solvent-dewaxed heavy paraffin (CAS 64742-65-0)	TWA	5 mg/m <sup>3</sup>	Inhalable fraction.
Distillates (petroleum), solvent-refined heavy naphthenic (CAS 64741-96- 4)	TWA	5 mg/m <sup>3</sup>	Inhalable fraction.
Distillates (petroleum), solvent-refined heavy paraffinic (CAS 64741-88-4)	TWA	5 mg/m <sup>3</sup>	Inhalable fraction.
Distillates (petroleum), solvent-refined light paraffinic (CAS 64741-89-5)	TWA	5 mg/m <sup>3</sup>	Inhalable fraction.

**Canada. Manitoba OELs (Reg. 217/2006, The Workplace Safety And Health Act)**

<b>Components</b>	<b>Type</b>	<b>Value</b>	<b>Form</b>
Distillates, petroleum, clay-treated heavy naphthenic (CAS 64742-44-5)	TWA	5 mg/m3	Inhalable fraction.
Lubricating oils (A complex combination of hydrocarbons obtained from solvent extraction and dewaxing processes. It consists predominantly of saturated hydrocarbons having carbon numbers in the range C15 through C50.) (CAS 74869-22-0)	TWA	5 mg/m3	Inhalable fraction.
Lubricating Oils (petroleum), C>25, Solvent-extd., Deasphalted, Dewaxed, Hydrogenated (CAS 101316-69-2)	TWA	5 mg/m3	Inhalable fraction.
Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based (CAS 72623-86-0)	TWA	5 mg/m3	Inhalable fraction.
Lubricating Oils (petroleum), C24-50, Solvent-extd., Dewaxed, Hydrogenated (CAS 101316-72-7)	TWA	5 mg/m3	Inhalable fraction.
Lubricating oils, petroleum, C20-50, hydrotreated neutral oil-based (CAS 72623-87-1)	TWA	5 mg/m3	Inhalable fraction.
Lubricating oils, petroleum, C20-50, hydrotreated neutral oil-based, high-viscosity (CAS 72623-85-9)	TWA	5 mg/m3	Inhalable fraction.
Lubricating oils, petroleum, hydrotreated spent (CAS 64742-58-1)	TWA	5 mg/m3	Inhalable fraction.
Paraffin Oils (petroleum), Catalytic Dewaxed Heavy (CAS 64742-70-7)	TWA	5 mg/m3	Inhalable fraction.
Petroleum distillates, solvent dewaxed light paraffinic (CAS 64742-56-9)	TWA	5 mg/m3	Inhalable fraction.
Residual oils (petroleum), hydrotreated (CAS 64742-57-0)	TWA	5 mg/m3	Inhalable fraction.
Residual Oils (petroleum), Solvent Deasphalted (CAS 64741-95-3)	TWA	5 mg/m3	Inhalable fraction.
Residual oils (Petroleum), solvent-dewaxed (CAS 64742-62-7)	TWA	5 mg/m3	Inhalable fraction.
Residual oils (petroleum), solvent-refined (CAS 64742-01-4)	TWA	5 mg/m3	Inhalable fraction.

**Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents)**

<b>Components</b>	<b>Type</b>	<b>Value</b>	<b>Form</b>
Distillates (petroleum), hydrotreated heavy naphthenic (CAS 64742-52-5)	STEL	10 mg/m3	Mist.
	TWA	5 mg/m3	Mist.

**Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents)**

<b>Components</b>	<b>Type</b>	<b>Value</b>	<b>Form</b>
Distillates (petroleum), hydrotreated light naphthenic (CAS 64742-53-6)	STEL	10 mg/m3	Mist.
	TWA	5 mg/m3	Mist.
Distillates (petroleum), hydrotreated light paraffinic (CAS 64742-55-8)	STEL	10 mg/m3	Mist.
	TWA	5 mg/m3	Mist.
Distillates (petroleum), solvent refined light naphthenic (CAS 64741-97-5)	STEL	10 mg/m3	Mist.
	TWA	5 mg/m3	Mist.
Distillates (petroleum), solvent-dewaxed heavy paraffin (CAS 64742-65-0)	STEL	10 mg/m3	Mist.
	TWA	5 mg/m3	Mist.
Distillates (petroleum), Solvent-dewaxed Light Naphthenic (CAS 64742-64-9)	STEL	10 mg/m3	Mist.
	TWA	5 mg/m3	Mist.
Distillates (petroleum), solvent-refined heavy naphthenic (CAS 64741-96-4)	STEL	10 mg/m3	Mist.
	TWA	5 mg/m3	Mist.
Distillates (petroleum), solvent-refined heavy paraffinic (CAS 64741-88-4)	STEL	10 mg/m3	Mist.
	TWA	5 mg/m3	Mist.
Distillates (petroleum), solvent-refined light paraffinic (CAS 64741-89-5)	STEL	10 mg/m3	Mist.
	TWA	5 mg/m3	Mist.
Paraffin Oils (petroleum), Catalytic Dewaxed Heavy (CAS 64742-70-7)	STEL	10 mg/m3	Mist.
	TWA	5 mg/m3	Mist.
Petroleum distillates, solvent dewaxed light paraffinic (CAS 64742-56-9)	STEL	10 mg/m3	Mist.
	TWA	5 mg/m3	Mist.
Residual oils (petroleum), hydrotreated (CAS 64742-57-0)	STEL	10 mg/m3	Mist.
	TWA	5 mg/m3	Mist.

**Canada. Quebec OELs. (Ministry of Labor - Regulation Respecting the Quality of the Work Environment)**

<b>Components</b>	<b>Type</b>	<b>Value</b>	<b>Form</b>
Distillates (petroleum), hydrotreated heavy naphthenic (CAS 64742-52-5)	STEL	10 mg/m3	Mist.
	TWA	5 mg/m3	Mist.
Distillates (petroleum), hydrotreated light naphthenic (CAS 64742-53-6)	STEL	10 mg/m3	Mist.
	TWA	5 mg/m3	Mist.

**Canada. Quebec OELs. (Ministry of Labor - Regulation Respecting the Quality of the Work Environment)**

<b>Components</b>	<b>Type</b>	<b>Value</b>	<b>Form</b>
Distillates (petroleum), hydrotreated light paraffinic (CAS 64742-55-8)	STEL	10 mg/m3	Mist.
	TWA	5 mg/m3	Mist.
Distillates (petroleum), solvent refined light naphthenic (CAS 64741-97-5)	STEL	10 mg/m3	Mist.
	TWA	5 mg/m3	Mist.
Distillates (petroleum), solvent-dewaxed heavy paraffin (CAS 64742-65-0)	STEL	10 mg/m3	Mist.
	TWA	5 mg/m3	Mist.
Distillates (petroleum), Solvent-dewaxed Light Naphthenic (CAS 64742-64-9)	STEL	10 mg/m3	Mist.
	TWA	5 mg/m3	Mist.
Distillates (petroleum), solvent-refined heavy naphthenic (CAS 64741-96-4)	STEL	10 mg/m3	Mist.
	TWA	5 mg/m3	Mist.
Distillates (petroleum), solvent-refined heavy paraffinic (CAS 64741-88-4)	STEL	10 mg/m3	Mist.
	TWA	5 mg/m3	Mist.
Distillates (petroleum), solvent-refined light paraffinic (CAS 64741-89-5)	STEL	10 mg/m3	Mist.
	TWA	5 mg/m3	Mist.
Paraffin Oils (petroleum), Catalytic Dewaxed Heavy (CAS 64742-70-7)	STEL	10 mg/m3	Mist.
	TWA	5 mg/m3	Mist.
Petroleum distillates, solvent dewaxed light paraffinic (CAS 64742-56-9)	STEL	10 mg/m3	Mist.
	TWA	5 mg/m3	Mist.
Residual oils (petroleum), hydrotreated (CAS 64742-57-0)	STEL	10 mg/m3	Mist.
	TWA	5 mg/m3	Mist.

**US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)**

<b>Components</b>	<b>Type</b>	<b>Value</b>	<b>Form</b>
Distillates (petroleum), hydrotreated heavy naphthenic (CAS 64742-52-5)	PEL	5 mg/m3	Mist.
		2000 mg/m3 500 ppm	
Distillates (petroleum), hydrotreated light naphthenic (CAS 64742-53-6)	PEL	5 mg/m3	Mist.
		2000 mg/m3 500 ppm	
Distillates (petroleum), hydrotreated light paraffinic (CAS 64742-55-8)	PEL	5 mg/m3	Mist.



**US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)**

<b>Components</b>	<b>Type</b>	<b>Value</b>	<b>Form</b>
Distillates (petroleum), solvent refined light naphthenic (CAS 64741-97-5)	PEL	5 mg/m3	Mist.
Distillates (petroleum), solvent-dewaxed heavy paraffin (CAS 64742-65-0)	PEL	5 mg/m3	Mist.
		2000 mg/m3 500 ppm	
Distillates (petroleum), Solvent-dewaxed Light Naphthenic (CAS 64742-64-9)	PEL	5 mg/m3	Mist.
Distillates (petroleum), solvent-refined heavy naphthenic (CAS 64741-96-4)	PEL	5 mg/m3	Mist.
		2000 mg/m3 500 ppm	
Distillates (petroleum), solvent-refined heavy paraffinic (CAS 64741-88-4)	PEL	5 mg/m3	Mist.
		2000 mg/m3 500 ppm	
Distillates (petroleum), solvent-refined light paraffinic (CAS 64741-89-5)	PEL	5 mg/m3	Mist.
Paraffin Oils (petroleum), Catalytic Dewaxed Heavy (CAS 64742-70-7)	PEL	5 mg/m3	Mist.
Petroleum distillates, solvent dewaxed light paraffinic (CAS 64742-56-9)	PEL	5 mg/m3	Mist.
Residual oils (petroleum), hydrotreated (CAS 64742-57-0)	PEL	5 mg/m3	Mist.

**US. ACGIH Threshold Limit Values**

<b>Components</b>	<b>Type</b>	<b>Value</b>	<b>Form</b>
Distillates (petroleum), hydrotreated heavy naphthenic (CAS 64742-52-5)	TWA	5 mg/m3	Inhalable fraction.
Distillates (petroleum), hydrotreated heavy paraffinic (CAS 64742-54-7)	TWA	5 mg/m3	Inhalable fraction.
Distillates (petroleum), hydrotreated light naphthenic (CAS 64742-53-6)	TWA	5 mg/m3	Inhalable fraction.
Distillates (petroleum), hydrotreated light paraffinic (CAS 64742-55-8)	TWA	5 mg/m3	Inhalable fraction.
Distillates (petroleum), solvent refined light naphthenic (CAS 64741-97-5)	TWA	5 mg/m3	Inhalable fraction.
Distillates (petroleum), solvent-dewaxed heavy paraffin (CAS 64742-65-0)	TWA	5 mg/m3	Inhalable fraction.
Distillates (petroleum), solvent-refined heavy naphthenic (CAS 64741-96-4)	TWA	5 mg/m3	Inhalable fraction.

**US. ACGIH Threshold Limit Values**

<b>Components</b>	<b>Type</b>	<b>Value</b>	<b>Form</b>
Distillates (petroleum), solvent-refined heavy paraffinic (CAS 64741-88-4)	TWA	5 mg/m3	Inhalable fraction.
Distillates (petroleum), solvent-refined light paraffinic (CAS 64741-89-5)	TWA	5 mg/m3	Inhalable fraction.
Distillates, petroleum, clay-treated heavy naphthenic (CAS 64742-44-5)	TWA	5 mg/m3	Inhalable fraction.
Lubricating oils (A complex combination of hydrocarbons obtained from solvent extraction and dewaxing processes. It consists predominantly of saturated hydrocarbons having carbon numbers in the range C15 through C50.) (CAS 74869-22-0)	TWA	5 mg/m3	Inhalable fraction.
Lubricating Oils (petroleum), C>25, Solvent-extd., Deasphalted, Dewaxed, Hydrogenated (CAS 101316-69-2)	TWA	5 mg/m3	Inhalable fraction.
Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based (CAS 72623-86-0)	TWA	5 mg/m3	Inhalable fraction.
Lubricating Oils (petroleum), C24-50, Solvent-extd., Dewaxed, Hydrogenated (CAS 101316-72-7)	TWA	5 mg/m3	Inhalable fraction.
Lubricating oils, petroleum, C20-50, hydrotreated neutral oil-based (CAS 72623-87-1)	TWA	5 mg/m3	Inhalable fraction.
Lubricating oils, petroleum, C20-50, hydrotreated neutral oil-based, high-viscosity (CAS 72623-85-9)	TWA	5 mg/m3	Inhalable fraction.
Lubricating oils, petroleum, hydrotreated spent (CAS 64742-58-1)	TWA	5 mg/m3	Inhalable fraction.
Paraffin Oils (petroleum), Catalytic Dewaxed Heavy (CAS 64742-70-7)	TWA	5 mg/m3	Inhalable fraction.
Petroleum distillates, solvent dewaxed light paraffinic (CAS 64742-56-9)	TWA	5 mg/m3	Inhalable fraction.
Residual oils (petroleum), hydrotreated (CAS 64742-57-0)	TWA	5 mg/m3	Inhalable fraction.
Residual Oils (petroleum), Solvent Deasphalted (CAS 64741-95-3)	TWA	5 mg/m3	Inhalable fraction.
Residual oils (Petroleum), solvent-dewaxed (CAS 64742-62-7)	TWA	5 mg/m3	Inhalable fraction.
Residual oils (petroleum), solvent-refined (CAS 64742-01-4)	TWA	5 mg/m3	Inhalable fraction.

**US. NIOSH: Pocket Guide to Chemical Hazards**

<b>Components</b>	<b>Type</b>	<b>Value</b>	<b>Form</b>
Distillates (petroleum), hydrotreated heavy naphthenic (CAS 64742-52-5)	Ceiling	1800 mg/m3	
	STEL	10 mg/m3	Mist.
	TWA	5 mg/m3	Mist.
Distillates (petroleum), hydrotreated light naphthenic (CAS 64742-53-6)	Ceiling	1800 mg/m3	
	STEL	10 mg/m3	Mist.
Distillates (petroleum), hydrotreated light paraffinic (CAS 64742-55-8)	STEL	10 mg/m3	Mist.
	TWA	5 mg/m3	Mist.
Distillates (petroleum), solvent refined light naphthenic (CAS 64741-97-5)	STEL	10 mg/m3	Mist.
	TWA	5 mg/m3	Mist.
Distillates (petroleum), solvent-dewaxed heavy paraffin (CAS 64742-65-0)	Ceiling	1800 mg/m3	
	STEL	10 mg/m3	Mist.
	TWA	5 mg/m3	Mist.
Distillates (petroleum), Solvent-dewaxed Light Naphthenic (CAS 64742-64-9)	STEL	10 mg/m3	Mist.
	TWA	5 mg/m3	Mist.
Distillates (petroleum), solvent-refined heavy naphthenic (CAS 64741-96-4)	Ceiling	1800 mg/m3	
	STEL	10 mg/m3	Mist.
Distillates (petroleum), solvent-refined heavy paraffinic (CAS 64741-88-4)	Ceiling	1800 mg/m3	
	STEL	10 mg/m3	Mist.
Distillates (petroleum), solvent-refined light paraffinic (CAS 64741-89-5)	STEL	10 mg/m3	Mist.
	TWA	5 mg/m3	Mist.
Paraffin Oils (petroleum), Catalytic Dewaxed Heavy (CAS 64742-70-7)	STEL	10 mg/m3	Mist.
	TWA	5 mg/m3	Mist.
Petroleum distillates, solvent dewaxed light paraffinic (CAS 64742-56-9)	STEL	10 mg/m3	Mist.
	TWA	5 mg/m3	Mist.
Residual oils (petroleum), hydrotreated (CAS 64742-57-0)	STEL	10 mg/m3	Mist.
	TWA	5 mg/m3	Mist.

**Biological limit values**

No biological exposure limits noted for the ingredient(s).

**Appropriate engineering controls**

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.

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

<b>Eye/face protection</b>	Chemical goggles are recommended.
<b>Skin protection</b>	
<b>Hand protection</b>	Wear protective gloves.
<b>Other</b>	Wear appropriate chemical resistant clothing.
<b>Respiratory protection</b>	In case of insufficient ventilation, wear suitable respiratory equipment.
<b>Thermal hazards</b>	Not applicable.
<b>General hygiene considerations</b>	When using, do not eat, drink or smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

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**9. Physical and Chemical Properties**

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<b>Appearance</b>	Liquid
<b>Physical state</b>	Liquid.
<b>Form</b>	Liquid.
<b>Color</b>	Amber to Brown
<b>Odor</b>	Mild petroleum
<b>Odor threshold</b>	Not available.
<b>pH</b>	Not available.
<b>Melting point/freezing point</b>	Not available.
<b>Initial boiling point and boiling range</b>	> 500 °F (> 260 °C)
<b>Pour point</b>	Not available.
<b>Specific gravity</b>	0.89 - 0.9
<b>Partition coefficient (n-octanol/water)</b>	Not available.
<b>Flash point</b>	393.8 - 426.2 °F (201.0 - 219.0 °C) Pensky-Martens Closed Cup
<b>Evaporation rate</b>	< 0.1 (BuAc = 1)
<b>Flammability (solid, gas)</b>	Not applicable.
<b>Upper/lower flammability or explosive limits</b>	
<b>Flammability limit - lower (%)</b>	Not available.
<b>Flammability limit - upper (%)</b>	Not available.
<b>Explosive limit - lower (%)</b>	Not available.
<b>Explosive limit - upper (%)</b>	Not available.
<b>Vapor pressure</b>	Not available.
<b>Vapor density</b>	> 1
<b>Relative density</b>	Not available.
<b>Solubility(ies)</b>	Negligible
<b>Auto-ignition temperature</b>	Not available.
<b>Decomposition temperature</b>	Not available.
<b>Viscosity</b>	109.4 - 138.9 cSt @ 40°C
<b>Other information</b>	
<b>Percent volatile</b>	Negligible

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**10. Stability and Reactivity**

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<b>Reactivity</b>	This product may react with strong oxidizing agents.
<b>Possibility of hazardous reactions</b>	No dangerous reaction known under conditions of normal use.
<b>Chemical stability</b>	Material is stable under normal conditions.
<b>Conditions to avoid</b>	Avoid temperatures exceeding the flash point.
<b>Incompatible materials</b>	Strong oxidizing agents.
<b>Hazardous decomposition products</b>	May include and are not limited to: Oxides of carbon.

## 11. Toxicological Information

**Routes of exposure** Inhalation. Ingestion. Skin contact. Eye contact.

**Information on likely routes of exposure**

**Ingestion** Expected to be a low ingestion hazard.  
**Inhalation** Prolonged inhalation may be harmful.  
**Skin contact** May cause sensitization by skin contact.  
**Eye contact** Causes serious eye irritation.

**Symptoms related to the physical, chemical and toxicological characteristics** Symptoms may include stinging, tearing, redness, swelling, and blurred vision.

**Information on toxicological effects**

**Acute toxicity**

Components	Species	Test Results
Distillates (petroleum), hydrotreated heavy naphthenic (CAS 64742-52-5)		
<b>Acute</b>		
<i>Dermal</i>		
LD50	Rabbit	> 5000 mg/kg
<i>Inhalation</i>		
LC50	Rat	> 5 mg/l/4h
<i>Oral</i>		
LD50	Rat	> 5000 mg/kg
Distillates (petroleum), hydrotreated heavy paraffinic (CAS 64742-54-7)		
<b>Acute</b>		
<i>Dermal</i>		
LD50	Rabbit	> 2000 mg/kg
<i>Inhalation</i>		
LC50	Not available	
<i>Oral</i>		
LD50	Rat	5000 mg/kg
Distillates (petroleum), hydrotreated light naphthenic (CAS 64742-53-6)		
<b>Acute</b>		
<i>Dermal</i>		
LD50	Rabbit	> 2000 mg/kg
<i>Inhalation</i>		
LC50	Rat	2.2 mg/l/4h
<i>Oral</i>		
LD50	Rat	> 5000 mg/kg
Distillates (petroleum), hydrotreated light paraffinic (CAS 64742-55-8)		
<b>Acute</b>		
<i>Dermal</i>		
LD50	Rabbit	> 2000 mg/kg
<i>Inhalation</i>		
LC50	Rat	2.2 mg/l/4h
<i>Oral</i>		
LD50	Rat	> 5000 mg/kg
Distillates (petroleum), solvent refined light naphthenic (CAS 64741-97-5)		
<b>Acute</b>		
<i>Dermal</i>		
LD50	Rabbit	2000 mg/kg
<i>Inhalation</i>		
LC50	Rat	2.2 mg/l/4h
<i>Oral</i>		
LD50	Rat	5000 mg/kg

Components	Species	Test Results
Distillates (petroleum), solvent-dewaxed heavy paraffin (CAS 64742-65-0)		
<b>Acute</b>		
<i>Dermal</i>		
LD50	Rabbit	>= 5000 mg/kg
<i>Inhalation</i>		
LC50	Rat	2.2 mg/l/4h
<i>Oral</i>		
LD50	Rat	>= 5000 mg/kg
Distillates (petroleum), solvent-refined heavy naphthenic (CAS 64741-96-4)		
<b>Acute</b>		
<i>Dermal</i>		
LD50	Rabbit	> 5000 mg/kg
<i>Inhalation</i>		
LC50	Not available	
<i>Oral</i>		
LD50	Rat	> 5000 mg/kg
Distillates (petroleum), solvent-refined heavy paraffinic (CAS 64741-88-4)		
<b>Acute</b>		
<i>Dermal</i>		
LD50	Rabbit	2000 mg/kg
<i>Inhalation</i>		
LC50	Rat	>= 2.2 mg/l/4h
<i>Oral</i>		
LD50	Rat	5000 mg/kg
Distillates (petroleum), solvent-refined light paraffinic (CAS 64741-89-5)		
<b>Acute</b>		
<i>Dermal</i>		
LD50	Rabbit	> 5000 mg/kg
<i>Inhalation</i>		
LC50	Rat	> 5 mg/l/4h 4000 mg/m3, 4 Hours
<i>Oral</i>		
LD50	Rat	> 5000 mg/kg 30000 mg/kg
Lubricating oils (A complex combination of hydrocarbons obtained from solvent extraction and dewaxing processes. It consists predominantly of saturated hydrocarbons having carbon numbers in the range C15 through C50.) (CAS 74869-22-0)		
<b>Acute</b>		
<i>Dermal</i>		
LD50	Rat	2000 mg/kg
<i>Inhalation</i>		
LC50	Rat	2.2 mg/l/4h
<i>Oral</i>		
LD50	Rat	5000 mg/kg
Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based (CAS 72623-86-0)		
<b>Acute</b>		
<i>Dermal</i>		
LD50	Rabbit	> 2000 mg/kg
<i>Inhalation</i>		
LC50	Rat	> 5.2 mg/l/4h
<i>Oral</i>		
LD50	Rat	> 5000 mg/kg

Components	Species	Test Results
Lubricating oils, petroleum, C20-50, hydrotreated neutral oil-based (CAS 72623-87-1)		
<b>Acute</b>		
<i>Dermal</i>		
LD50	Rabbit	> 2000 mg/kg
<i>Inhalation</i>		
LC50	Rat	> 5.2 mg/L, 4 hours, dust/mist
<i>Oral</i>		
LD50	Rat	> 5000 mg/kg
Lubricating oils, petroleum, hydrotreated spent (CAS 64742-58-1)		
<b>Acute</b>		
<i>Dermal</i>		
LD50	Rabbit	> 4480 mg/kg
	Rat	> 2000 mg/kg
<i>Oral</i>		
LD50	Rat	> 2000 mg/kg
Paraffin Oils (petroleum), Catalytic Dewaxed Heavy (CAS 64742-70-7)		
<b>Acute</b>		
<i>Inhalation</i>		
LC50	Not available	
<i>Oral</i>		
LD50	Not available	
Phenol, (tetrapropenyl) Derivs., Calcium Salts (CAS 132752-19-3)		
<b>Acute</b>		
<i>Inhalation</i>		
LC50	Not available	
<i>Oral</i>		
LD50	Not available	
Residual oils (petroleum), hydrotreated (CAS 64742-57-0)		
<b>Acute</b>		
<i>Dermal</i>		
LD50	Not available	
<i>Inhalation</i>		
LC50	Not available	
<i>Oral</i>		
LD50	Rat	> 5000 mg/kg
Residual Oils (petroleum), Solvent Deasphalted (CAS 64741-95-3)		
<b>Acute</b>		
<i>Inhalation</i>		
LC50	Not available	
<i>Oral</i>		
LD50	Not available	
Residual oils (Petroleum), solvent-dewaxed (CAS 64742-62-7)		
<b>Acute</b>		
<i>Dermal</i>		
LD50	Rat	> 2000 mg/kg
<i>Inhalation</i>		
LC50	Rat	> 2180 mg/m3, 4 hours 2 mg/l/4h
<i>Oral</i>		
LD50	Rat	> 5000 mg/kg

Components	Species	Test Results
Residual oils (petroleum), solvent-refined (CAS 64742-01-4)		
<b>Acute</b>		
<i>Dermal</i>		
LD50	Rabbit	> 2000 mg/kg
<i>Inhalation</i>		
LC50	Not available	
<i>Oral</i>		
LD50	Rat	15000 mg/kg
<b>Skin corrosion/irritation</b>	Prolonged skin contact may cause temporary irritation.	
<b>Exposure minutes</b>	Not available.	
<b>Erythema value</b>	Not available.	
<b>Oedema value</b>	Not available.	
<b>Serious eye damage/eye irritation</b>	Causes serious eye irritation.	
<b>Corneal opacity value</b>	Not available.	
<b>Iris lesion value</b>	Not available.	
<b>Conjunctival reddening value</b>	Not available.	
<b>Conjunctival oedema value</b>	Not available.	
<b>Recover days</b>	Not available.	
<b>Respiratory or skin sensitization</b>		
<b>Canada - Alberta OELs: Irritant</b>		
1,2-Ethanediol (CAS 107-21-1)		Irritant
<b>Respiratory sensitization</b>	Not available.	
<b>Skin sensitization</b>	May cause an allergic skin reaction.	
<b>Mutagenicity</b>	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.	
<b>Carcinogenicity</b>	This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.	
<b>ACGIH Carcinogens</b>		
1,2-Ethanediol (CAS 107-21-1)		A4 Not classifiable as a human carcinogen.
Distillates (petroleum), Clay-treated Light Naphthenic (CAS 64742-45-6)		A2 Suspected human carcinogen.
Distillates (petroleum), hydrotreated heavy paraffinic (CAS 64742-54-7)		A2 Suspected human carcinogen.
Distillates (petroleum), hydrotreated light naphthenic (CAS 64742-53-6)		A4 Not classifiable as a human carcinogen. A2 Suspected human carcinogen.
Distillates (petroleum), hydrotreated light paraffinic (CAS 64742-55-8)		A4 Not classifiable as a human carcinogen. A2 Suspected human carcinogen.
Distillates (petroleum), solvent refined light naphthenic (CAS 64741-97-5)		A4 Not classifiable as a human carcinogen. A2 Suspected human carcinogen.
Distillates (petroleum), Solvent-dewaxed Light Naphthenic (CAS 64742-64-9)		A4 Not classifiable as a human carcinogen. A2 Suspected human carcinogen.
Distillates (petroleum), solvent-refined heavy naphthenic (CAS 64741-96-4)		A2 Suspected human carcinogen.
Distillates (petroleum), solvent-refined heavy paraffinic (CAS 64741-88-4)		A4 Not classifiable as a human carcinogen. A2 Suspected human carcinogen.
Distillates (petroleum), solvent-refined light paraffinic (CAS 64741-89-5)		A4 Not classifiable as a human carcinogen. A2 Suspected human carcinogen.
Distillates, petroleum, clay-treated heavy naphthenic (CAS 64742-44-5)		A4 Not classifiable as a human carcinogen. A2 Suspected human carcinogen.
		A4 Not classifiable as a human carcinogen.



Lubricating oils (A complex combination of hydrocarbons obtained from solvent extraction and dewaxing processes. It consists predominantly of saturated hydrocarbons having carbon numbers in the range C15 through C50.) (CAS 74869-22-0)	A2 Suspected human carcinogen.
Lubricating Oils (petroleum), C>25, Solvent-extd., Deasphalted, Dewaxed, Hydrogenated (CAS 101316-69-2)	A4 Not classifiable as a human carcinogen. A2 Suspected human carcinogen.
Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based (CAS 72623-86-0)	A4 Not classifiable as a human carcinogen. A2 Suspected human carcinogen.
Lubricating Oils (petroleum), C17-32, Solvent-extd., Dewaxed, Hydrogenated (CAS 101316-70-5)	A4 Not classifiable as a human carcinogen. A2 Suspected human carcinogen.
Lubricating Oils (petroleum), C20-35, Solvent-extd., Dewaxed, Hydrogenated (CAS 101316-71-6)	A2 Suspected human carcinogen.
Lubricating Oils (petroleum), C24-50, Solvent-extd., Dewaxed, Hydrogenated (CAS 101316-72-7)	A2 Suspected human carcinogen.
Lubricating oils, petroleum, C20-50, hydrotreated neutral oil-based (CAS 72623-87-1)	A4 Not classifiable as a human carcinogen. A2 Suspected human carcinogen.
Lubricating oils, petroleum, C20-50, hydrotreated neutral oil-based, high-viscosity (CAS 72623-85-9)	A4 Not classifiable as a human carcinogen. A2 Suspected human carcinogen.
Lubricating oils, petroleum, hydrotreated spent (CAS 64742-58-1)	A4 Not classifiable as a human carcinogen. A2 Suspected human carcinogen.
Paraffin Oils (petroleum), Catalytic Dewaxed Heavy (CAS 64742-70-7)	A4 Not classifiable as a human carcinogen. A2 Suspected human carcinogen.
Petroleum distillates, solvent dewaxed light paraffinic (CAS 64742-56-9)	A4 Not classifiable as a human carcinogen. A2 Suspected human carcinogen.
Residual oils (petroleum), hydrotreated (CAS 64742-57-0)	A4 Not classifiable as a human carcinogen. A2 Suspected human carcinogen.
Residual Oils (petroleum), Solvent Deasphalted (CAS 64741-95-3)	A4 Not classifiable as a human carcinogen. A2 Suspected human carcinogen.
Residual oils (Petroleum), solvent-dewaxed (CAS 64742-62-7)	A4 Not classifiable as a human carcinogen. A2 Suspected human carcinogen.
Residual oils (petroleum), solvent-refined (CAS 64742-01-4)	A4 Not classifiable as a human carcinogen. A2 Suspected human carcinogen.

**Canada - Manitoba OELs: carcinogenicity**

ETHYLENE GLYCOL, AEROSOL ONLY (CAS 107-21-1)	Not classifiable as a human carcinogen.
MINERAL OIL, EXCLUDING METAL WORKING FLUIDS, POORLY AND MILDLY REFINED (CAS 101316-69-2)	Suspected human carcinogen.
MINERAL OIL, EXCLUDING METAL WORKING FLUIDS, POORLY AND MILDLY REFINED (CAS 101316-70-5)	Suspected human carcinogen.
MINERAL OIL, EXCLUDING METAL WORKING FLUIDS, POORLY AND MILDLY REFINED (CAS 101316-71-6)	Suspected human carcinogen.
MINERAL OIL, EXCLUDING METAL WORKING FLUIDS, POORLY AND MILDLY REFINED (CAS 101316-72-7)	Suspected human carcinogen.
MINERAL OIL, EXCLUDING METAL WORKING FLUIDS, POORLY AND MILDLY REFINED (CAS 64741-88-4)	Suspected human carcinogen.
MINERAL OIL, EXCLUDING METAL WORKING FLUIDS, POORLY AND MILDLY REFINED (CAS 64741-89-5)	Suspected human carcinogen.
MINERAL OIL, EXCLUDING METAL WORKING FLUIDS, POORLY AND MILDLY REFINED (CAS 64741-95-3)	Suspected human carcinogen.
MINERAL OIL, EXCLUDING METAL WORKING FLUIDS, POORLY AND MILDLY REFINED (CAS 64741-96-4)	Suspected human carcinogen.
MINERAL OIL, EXCLUDING METAL WORKING FLUIDS, POORLY AND MILDLY REFINED (CAS 64741-97-5)	Suspected human carcinogen.
MINERAL OIL, EXCLUDING METAL WORKING FLUIDS, POORLY AND MILDLY REFINED (CAS 64742-01-4)	Suspected human carcinogen.
MINERAL OIL, EXCLUDING METAL WORKING FLUIDS, POORLY AND MILDLY REFINED (CAS 64742-44-5)	Suspected human carcinogen.

MINERAL OIL, EXCLUDING METAL WORKING FLUIDS, Suspected human carcinogen.  
POORLY AND MILDLY REFINED (CAS 64742-45-6)  
MINERAL OIL, EXCLUDING METAL WORKING FLUIDS, Suspected human carcinogen.  
POORLY AND MILDLY REFINED (CAS 64742-52-5)  
MINERAL OIL, EXCLUDING METAL WORKING FLUIDS, Suspected human carcinogen.  
POORLY AND MILDLY REFINED (CAS 64742-53-6)  
MINERAL OIL, EXCLUDING METAL WORKING FLUIDS, Suspected human carcinogen.  
POORLY AND MILDLY REFINED (CAS 64742-54-7)  
MINERAL OIL, EXCLUDING METAL WORKING FLUIDS, Suspected human carcinogen.  
POORLY AND MILDLY REFINED (CAS 64742-55-8)  
MINERAL OIL, EXCLUDING METAL WORKING FLUIDS, Suspected human carcinogen.  
POORLY AND MILDLY REFINED (CAS 64742-56-9)  
MINERAL OIL, EXCLUDING METAL WORKING FLUIDS, Suspected human carcinogen.  
POORLY AND MILDLY REFINED (CAS 64742-57-0)  
MINERAL OIL, EXCLUDING METAL WORKING FLUIDS, Suspected human carcinogen.  
POORLY AND MILDLY REFINED (CAS 64742-58-1)  
MINERAL OIL, EXCLUDING METAL WORKING FLUIDS, Suspected human carcinogen.  
POORLY AND MILDLY REFINED (CAS 64742-62-7)  
MINERAL OIL, EXCLUDING METAL WORKING FLUIDS, Suspected human carcinogen.  
POORLY AND MILDLY REFINED (CAS 64742-64-9)  
MINERAL OIL, EXCLUDING METAL WORKING FLUIDS, Suspected human carcinogen.  
POORLY AND MILDLY REFINED (CAS 64742-65-0)  
MINERAL OIL, EXCLUDING METAL WORKING FLUIDS, Suspected human carcinogen.  
POORLY AND MILDLY REFINED (CAS 64742-70-7)  
MINERAL OIL, EXCLUDING METAL WORKING FLUIDS, Suspected human carcinogen.  
POORLY AND MILDLY REFINED (CAS 72623-85-9)  
MINERAL OIL, EXCLUDING METAL WORKING FLUIDS, Suspected human carcinogen.  
POORLY AND MILDLY REFINED (CAS 72623-86-0)  
MINERAL OIL, EXCLUDING METAL WORKING FLUIDS, Suspected human carcinogen.  
POORLY AND MILDLY REFINED (CAS 72623-87-1)  
MINERAL OIL, EXCLUDING METAL WORKING FLUIDS, Suspected human carcinogen.  
POORLY AND MILDLY REFINED (CAS 74869-22-0)  
MINERAL OIL, EXCLUDING METAL WORKING FLUIDS, Not classifiable as a human carcinogen.  
PURE, HIGHLY AND SEVERELY REFINED,  
INHALABLE FRACTION (CAS 101316-69-2)  
MINERAL OIL, EXCLUDING METAL WORKING FLUIDS, Not classifiable as a human carcinogen.  
PURE, HIGHLY AND SEVERELY REFINED,  
INHALABLE FRACTION (CAS 101316-72-7)  
MINERAL OIL, EXCLUDING METAL WORKING FLUIDS, Not classifiable as a human carcinogen.  
PURE, HIGHLY AND SEVERELY REFINED,  
INHALABLE FRACTION (CAS 64741-88-4)  
MINERAL OIL, EXCLUDING METAL WORKING FLUIDS, Not classifiable as a human carcinogen.  
PURE, HIGHLY AND SEVERELY REFINED,  
INHALABLE FRACTION (CAS 64741-89-5)  
MINERAL OIL, EXCLUDING METAL WORKING FLUIDS, Not classifiable as a human carcinogen.  
PURE, HIGHLY AND SEVERELY REFINED,  
INHALABLE FRACTION (CAS 64741-95-3)  
MINERAL OIL, EXCLUDING METAL WORKING FLUIDS, Not classifiable as a human carcinogen.  
PURE, HIGHLY AND SEVERELY REFINED,  
INHALABLE FRACTION (CAS 64741-96-4)  
MINERAL OIL, EXCLUDING METAL WORKING FLUIDS, Not classifiable as a human carcinogen.  
PURE, HIGHLY AND SEVERELY REFINED,  
INHALABLE FRACTION (CAS 64741-97-5)  
MINERAL OIL, EXCLUDING METAL WORKING FLUIDS, Not classifiable as a human carcinogen.  
PURE, HIGHLY AND SEVERELY REFINED,  
INHALABLE FRACTION (CAS 64742-01-4)  
MINERAL OIL, EXCLUDING METAL WORKING FLUIDS, Not classifiable as a human carcinogen.  
PURE, HIGHLY AND SEVERELY REFINED,  
INHALABLE FRACTION (CAS 64742-44-5)  
MINERAL OIL, EXCLUDING METAL WORKING FLUIDS, Not classifiable as a human carcinogen.  
PURE, HIGHLY AND SEVERELY REFINED,  
INHALABLE FRACTION (CAS 64742-52-5)  
MINERAL OIL, EXCLUDING METAL WORKING FLUIDS, Not classifiable as a human carcinogen.  
PURE, HIGHLY AND SEVERELY REFINED,  
INHALABLE FRACTION (CAS 64742-53-6)  
MINERAL OIL, EXCLUDING METAL WORKING FLUIDS, Not classifiable as a human carcinogen.  
PURE, HIGHLY AND SEVERELY REFINED,  
INHALABLE FRACTION (CAS 64742-54-7)  
MINERAL OIL, EXCLUDING METAL WORKING FLUIDS, Not classifiable as a human carcinogen.  
PURE, HIGHLY AND SEVERELY REFINED,  
INHALABLE FRACTION (CAS 64742-55-8)

MINERAL OIL, EXCLUDING METAL WORKING FLUIDS, Not classifiable as a human carcinogen.  
 PURE, HIGHLY AND SEVERELY REFINED,  
 INHALABLE FRACTION (CAS 64742-56-9)

MINERAL OIL, EXCLUDING METAL WORKING FLUIDS, Not classifiable as a human carcinogen.  
 PURE, HIGHLY AND SEVERELY REFINED,  
 INHALABLE FRACTION (CAS 64742-57-0)

MINERAL OIL, EXCLUDING METAL WORKING FLUIDS, Not classifiable as a human carcinogen.  
 PURE, HIGHLY AND SEVERELY REFINED,  
 INHALABLE FRACTION (CAS 64742-58-1)

MINERAL OIL, EXCLUDING METAL WORKING FLUIDS, Not classifiable as a human carcinogen.  
 PURE, HIGHLY AND SEVERELY REFINED,  
 INHALABLE FRACTION (CAS 64742-62-7)

MINERAL OIL, EXCLUDING METAL WORKING FLUIDS, Not classifiable as a human carcinogen.  
 PURE, HIGHLY AND SEVERELY REFINED,  
 INHALABLE FRACTION (CAS 64742-65-0)

MINERAL OIL, EXCLUDING METAL WORKING FLUIDS, Not classifiable as a human carcinogen.  
 PURE, HIGHLY AND SEVERELY REFINED,  
 INHALABLE FRACTION (CAS 64742-70-7)

MINERAL OIL, EXCLUDING METAL WORKING FLUIDS, Not classifiable as a human carcinogen.  
 PURE, HIGHLY AND SEVERELY REFINED,  
 INHALABLE FRACTION (CAS 72623-85-9)

MINERAL OIL, EXCLUDING METAL WORKING FLUIDS, Not classifiable as a human carcinogen.  
 PURE, HIGHLY AND SEVERELY REFINED,  
 INHALABLE FRACTION (CAS 72623-86-0)

MINERAL OIL, EXCLUDING METAL WORKING FLUIDS, Not classifiable as a human carcinogen.  
 PURE, HIGHLY AND SEVERELY REFINED,  
 INHALABLE FRACTION (CAS 72623-87-1)

MINERAL OIL, EXCLUDING METAL WORKING FLUIDS, Not classifiable as a human carcinogen.  
 PURE, HIGHLY AND SEVERELY REFINED,  
 INHALABLE FRACTION (CAS 74869-22-0)

**IARC Monographs. Overall Evaluation of Carcinogenicity**

Distillates (petroleum), Clay-treated Light Naphthenic (CAS 64742-45-6)	Volume 33, Supplement 7, Volume 100F 1 Carcinogenic to humans.
Distillates (petroleum), Solvent-dewaxed Light Naphthenic (CAS 64742-64-9)	Volume 33, Supplement 7, Volume 100F 1 Carcinogenic to humans.
Lubricating Oils (petroleum), C17-32, Solvent-extd., Dewaxed, Hydrogenated (CAS 101316-70-5)	Volume 33, Supplement 7, Volume 100F 1 Carcinogenic to humans.
Lubricating Oils (petroleum), C20-35, Solvent-extd., Dewaxed, Hydrogenated (CAS 101316-71-6)	Volume 33, Supplement 7, Volume 100F 1 Carcinogenic to humans.

**US NTP Report on Carcinogens: Known carcinogen**

Distillates (petroleum), Clay-treated Light Naphthenic (CAS 64742-45-6)	Known To Be Human Carcinogen.
Distillates (petroleum), hydrotreated heavy naphthenic (CAS 64742-52-5)	Known To Be Human Carcinogen.
Distillates (petroleum), hydrotreated heavy paraffinic (CAS 64742-54-7)	Known To Be Human Carcinogen.
Distillates (petroleum), hydrotreated light naphthenic (CAS 64742-53-6)	Known To Be Human Carcinogen.
Distillates (petroleum), hydrotreated light paraffinic (CAS 64742-55-8)	Known To Be Human Carcinogen.
Distillates (petroleum), solvent refined light naphthenic (CAS 64741-97-5)	Known To Be Human Carcinogen.
Distillates (petroleum), solvent-dewaxed heavy paraffin (CAS 64742-65-0)	Known To Be Human Carcinogen.
Distillates (petroleum), Solvent-dewaxed Light Naphthenic (CAS 64742-64-9)	Known To Be Human Carcinogen.
Distillates (petroleum), solvent-refined heavy naphthenic (CAS 64741-96-4)	Known To Be Human Carcinogen.
Distillates (petroleum), solvent-refined heavy paraffinic (CAS 64741-88-4)	Known To Be Human Carcinogen.
Distillates (petroleum), solvent-refined light paraffinic (CAS 64741-89-5)	Known To Be Human Carcinogen.
Distillates, petroleum, clay-treated heavy naphthenic (CAS 64742-44-5)	Known To Be Human Carcinogen.
Lubricating oils (A complex combination of hydrocarbons obtained from solvent extraction and dewaxing processes. It consists predominantly of saturated hydrocarbons having carbon numbers in the range C15 through C50.) (CAS 74869-22-0)	Known To Be Human Carcinogen.
Lubricating Oils (petroleum), C>25, Solvent-extd., Deasphalted, Dewaxed, Hydrogenated (CAS 101316-69-2)	Known To Be Human Carcinogen.

Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based (CAS 72623-86-0)	Known To Be Human Carcinogen.
Lubricating Oils (petroleum), C17-32, Solvent-extd., Dewaxed, Hydrogenated (CAS 101316-70-5)	Known To Be Human Carcinogen.
Lubricating Oils (petroleum), C20-35, Solvent-extd., Dewaxed, Hydrogenated (CAS 101316-71-6)	Known To Be Human Carcinogen.
Lubricating Oils (petroleum), C24-50, Solvent-extd., Dewaxed, Hydrogenated (CAS 101316-72-7)	Known To Be Human Carcinogen.
Lubricating oils, petroleum, C20-50, hydrotreated neutral oil-based (CAS 72623-87-1)	Known To Be Human Carcinogen.
Lubricating oils, petroleum, C20-50, hydrotreated neutral oil-based, high-viscosity (CAS 72623-85-9)	Known To Be Human Carcinogen.
Lubricating oils, petroleum, hydrotreated spent (CAS 64742-58-1)	Known To Be Human Carcinogen.
Paraffin Oils (petroleum), Catalytic Dewaxed Heavy (CAS 64742-70-7)	Known To Be Human Carcinogen.
Petroleum distillates, solvent dewaxed light paraffinic (CAS 64742-56-9)	Known To Be Human Carcinogen.
Residual oils (petroleum), hydrotreated (CAS 64742-57-0)	Known To Be Human Carcinogen.
Residual Oils (petroleum), Solvent Deasphalted (CAS 64741-95-3)	Known To Be Human Carcinogen.
Residual oils (Petroleum), solvent-dewaxed (CAS 64742-62-7)	Known To Be Human Carcinogen.
Residual oils (petroleum), solvent-refined (CAS 64742-01-4)	Known To Be Human Carcinogen.

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

Not listed.

<b>Reproductive toxicity</b>	May damage fertility or the unborn child.
<b>Teratogenicity</b>	Not available.
<b>Specific target organ toxicity - single exposure</b>	Not classified.
<b>Specific target organ toxicity - repeated exposure</b>	Not classified.
<b>Aspiration hazard</b>	Not available.
<b>Chronic effects</b>	Prolonged inhalation may be harmful.

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**12. Ecological Information**

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**Ecotoxicity** See below

**Ecotoxicological data**

<b>Components</b>	<b>Species</b>		<b>Test Results</b>
Distillates (petroleum), hydrotreated heavy naphthenic (CAS 64742-52-5)			
Crustacea	EC50	Daphnia	1000 mg/L, 48 Hours
Distillates (petroleum), hydrotreated heavy paraffinic (CAS 64742-54-7)			
Crustacea	EC50	Daphnia	1000 mg/L, 48 Hours
Distillates (petroleum), hydrotreated light naphthenic (CAS 64742-53-6)			
Crustacea	EC50	Daphnia	1000 mg/L, 48 Hours
Distillates (petroleum), hydrotreated light paraffinic (CAS 64742-55-8)			
Crustacea	EC50	Daphnia	1000 mg/L, 48 Hours
Distillates (petroleum), solvent refined light naphthenic (CAS 64741-97-5)			
Crustacea	EC50	Daphnia	1000 mg/L, 48 Hours
Distillates (petroleum), solvent-dewaxed heavy paraffin (CAS 64742-65-0)			
Crustacea	EC50	Daphnia	1000 mg/L, 48 Hours
Distillates (petroleum), solvent-refined heavy naphthenic (CAS 64741-96-4)			
Crustacea	EC50	Daphnia	1000 mg/L, 48 Hours
Distillates (petroleum), solvent-refined heavy paraffinic (CAS 64741-88-4)			
Crustacea	EC50	Daphnia	1000 mg/L, 48 Hours
Distillates (petroleum), solvent-refined light paraffinic (CAS 64741-89-5)			
Crustacea	EC50	Daphnia	1000 mg/L, 48 Hours

Components	Species	Test Results
Lubricating oils (A complex combination of hydrocarbons obtained from solvent extraction and dewaxing processes. It consists predominantly of saturated hydrocarbons having carbon numbers in the range C15 through C50.) (CAS 74869-22-0)		
Crustacea	EC50	Daphnia
		1000 mg/L, 48 Hours
Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based (CAS 72623-86-0)		
Crustacea	EC50	Daphnia
		1000 mg/L, 48 Hours
Lubricating oils, petroleum, C20-50, hydrotreated neutral oil-based (CAS 72623-87-1)		
Crustacea	EC50	Daphnia
		1000 mg/L, 48 Hours
Lubricating oils, petroleum, C20-50, hydrotreated neutral oil-based, high-viscosity (CAS 72623-85-9)		
Crustacea	EC50	Daphnia
		1000 mg/L, 48 Hours
Petroleum distillates, solvent dewaxed light paraffinic (CAS 64742-56-9)		
Crustacea	EC50	Daphnia
		1000 mg/L, 48 Hours
Residual oils (Petroleum), solvent-dewaxed (CAS 64742-62-7)		
Crustacea	EC50	Daphnia
		1000 mg/L, 48 Hours
Residual oils (petroleum), solvent-refined (CAS 64742-01-4)		
Crustacea	EC50	Daphnia
		1000 mg/L, 48 Hours
<b>Persistence and degradability</b>	No data is available on the degradability of this product.	
<b>Bioaccumulative potential</b>	No data available.	
<b>Mobility in soil</b>	No data available.	
<b>Mobility in general</b>	Not available.	
<b>Other adverse effects</b>	No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.	

### 13. Disposal Considerations

<b>Disposal instructions</b>	Collect and reclaim or dispose in sealed containers at licensed waste disposal site. This material and its container must be disposed of as hazardous waste. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations.
<b>Local disposal regulations</b>	Dispose in accordance with all applicable regulations.
<b>Hazardous waste code</b>	The waste code should be assigned in discussion between the user, the producer and the waste disposal company.
<b>Waste from residues / unused products</b>	Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).
<b>Contaminated packaging</b>	Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

### 14. Transport Information

<b>Transport of Dangerous Goods (TDG) Proof of Classification</b>	In accordance with Part 2.2.1 (SOR/2014-152) of the Transportation of Dangerous Goods Regulations, we certify that the classification of this product is correct as of the SDS date of issue.
<b>U.S. Department of Transportation (DOT)</b>	Not regulated as dangerous goods.
<b>Transportation of Dangerous Goods (TDG - Canada)</b>	Not regulated as dangerous goods.

### 15. Regulatory Information

<b>Canadian federal regulations</b>	This product has been classified in accordance with the hazard criteria of the Hazardous Products Regulations (SOR/2015-17) and the SDS contains all the information required by the HPR.
<b>Canada Priority Substances List (Second List): Listed substance</b>	
1,2-Ethandiol (CAS 107-21-1)	Listed.
<b>Export Control List (CEPA 1999, Schedule 3)</b>	
	Not listed.
<b>Greenhouse Gases</b>	
	Not listed.
<b>Precursor Control Regulations</b>	
	Not regulated.
<b>WHMIS 2015 Exemptions</b>	Not applicable

**US federal regulations**

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

**TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)**

Not regulated.

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

1,2-Ethanediol (CAS 107-21-1) Listed.

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

Not listed.

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

**Hazard categories**  
Immediate Hazard - Yes  
Delayed Hazard - Yes  
Fire Hazard - No  
Pressure Hazard - No  
Reactivity Hazard - No

**SARA 302 Extremely hazardous substance** No

**SARA 311/312 Hazardous chemical** No

**SARA 313 (TRI reporting)**  
Not regulated.

**Other federal regulations****Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List**

1,2-Ethanediol (CAS 107-21-1)

**Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)**

Not regulated.

**US state regulations****US - California Hazardous Substances (Director's): Listed substance**

1,2-Ethanediol (CAS 107-21-1) Listed.  
Distillates (petroleum), hydrotreated heavy naphthenic (CAS 64742-52-5) Listed.  
Distillates (petroleum), hydrotreated light naphthenic (CAS 64742-53-6) Listed.  
Distillates (petroleum), hydrotreated light paraffinic (CAS 64742-55-8) Listed.  
Distillates (petroleum), solvent refined light naphthenic (CAS 64741-97-5) Listed.  
Distillates (petroleum), solvent-dewaxed heavy paraffin (CAS 64742-65-0) Listed.  
Distillates (petroleum), Solvent-dewaxed Light Naphthenic (CAS 64742-64-9) Listed.  
Distillates (petroleum), solvent-refined heavy naphthenic (CAS 64741-96-4) Listed.  
Distillates (petroleum), solvent-refined heavy paraffinic (CAS 64741-88-4) Listed.  
Distillates (petroleum), solvent-refined light paraffinic (CAS 64741-89-5) Listed.  
Paraffin Oils (petroleum), Catalytic Dewaxed Heavy (CAS 64742-70-7) Listed.  
Petroleum distillates, solvent dewaxed light paraffinic (CAS 64742-56-9) Listed.  
Residual oils (petroleum), hydrotreated (CAS 64742-57-0) Listed.

**US - Illinois Chemical Safety Act: Listed substance**

1,2-Ethanediol (CAS 107-21-1)

**US - Louisiana Spill Reporting: Listed substance**

1,2-Ethanediol (CAS 107-21-1) Listed.

**US - Minnesota Haz Subs: Listed substance**

1,2-Ethanediol (CAS 107-21-1) Listed.  
Distillates (petroleum), hydrotreated heavy naphthenic (CAS 64742-52-5) Listed.  
Distillates (petroleum), hydrotreated light naphthenic (CAS 64742-53-6) Listed.  
Distillates (petroleum), hydrotreated light paraffinic (CAS 64742-55-8) Listed.  
Distillates (petroleum), solvent refined light naphthenic (CAS 64741-97-5) Listed.

Distillates (petroleum), solvent-dewaxed heavy paraffin (CAS 64742-65-0) Listed.  
 Distillates (petroleum), Solvent-dewaxed Light Naphthenic (CAS 64742-64-9) Listed.  
 Distillates (petroleum), solvent-refined heavy naphthenic (CAS 64741-96-4) Listed.  
 Distillates (petroleum), solvent-refined heavy paraffinic (CAS 64741-88-4) Listed.  
 Distillates (petroleum), solvent-refined light paraffinic (CAS 64741-89-5) Listed.  
 Paraffin Oils (petroleum), Catalytic Dewaxed Heavy (CAS 64742-70-7) Listed.  
 Petroleum distillates, solvent dewaxed light paraffinic (CAS 64742-56-9) Listed.  
 Residual oils (petroleum), hydrotreated (CAS 64742-57-0) Listed.

**US - New Jersey RTK - Substances: Listed substance**

1,2-Ethanediol (CAS 107-21-1)

**US - Texas Effects Screening Levels: Listed substance**

1,2-Ethanediol (CAS 107-21-1) Listed.  
 Distillates (petroleum), hydrotreated heavy naphthenic (CAS 64742-52-5) Listed.  
 Distillates (petroleum), hydrotreated heavy paraffinic (CAS 64742-54-7) Listed.  
 Distillates (petroleum), hydrotreated light naphthenic (CAS 64742-53-6) Listed.  
 Distillates (petroleum), hydrotreated light paraffinic (CAS 64742-55-8) Listed.  
 Distillates (petroleum), solvent refined light naphthenic (CAS 64741-97-5) Listed.  
 Distillates (petroleum), Solvent-dewaxed Heavy Naphthenic (CAS 64742-63-8) Listed.  
 Distillates (petroleum), solvent-dewaxed heavy paraffin (CAS 64742-65-0) Listed.  
 Distillates (petroleum), Solvent-dewaxed Light Naphthenic (CAS 64742-64-9) Listed.  
 Distillates (petroleum), solvent-refined heavy naphthenic (CAS 64741-96-4) Listed.  
 Distillates (petroleum), solvent-refined heavy paraffinic (CAS 64741-88-4) Listed.  
 Distillates (petroleum), solvent-refined light paraffinic (CAS 64741-89-5) Listed.  
 Lubricating oils, petroleum, hydrotreated spent (CAS 64742-58-1) Listed.  
 Paraffin Oils (petroleum), Catalytic Dewaxed Heavy (CAS 64742-70-7) Listed.  
 Petroleum distillates, solvent dewaxed light paraffinic (CAS 64742-56-9) Listed.  
 Residual oils (petroleum), hydrotreated (CAS 64742-57-0) Listed.  
 Residual oils (Petroleum), solvent-dewaxed (CAS 64742-62-7) Listed.  
 Residual oils (petroleum), solvent-refined (CAS 64742-01-4) Listed.

**US - Washington Chemical of High Concern to Children: Listed substance**

1,2-Ethanediol (CAS 107-21-1)

**US. Massachusetts RTK - Substance List**

1,2-Ethanediol (CAS 107-21-1)  
 Distillates (petroleum), hydrotreated heavy naphthenic (CAS 64742-52-5)  
 Distillates (petroleum), hydrotreated light naphthenic (CAS 64742-53-6)  
 Distillates (petroleum), hydrotreated light paraffinic (CAS 64742-55-8)  
 Distillates (petroleum), solvent refined light naphthenic (CAS 64741-97-5)  
 Distillates (petroleum), solvent-dewaxed heavy paraffin (CAS 64742-65-0)  
 Distillates (petroleum), Solvent-dewaxed Light Naphthenic (CAS 64742-64-9)  
 Distillates (petroleum), solvent-refined heavy naphthenic (CAS 64741-96-4)  
 Distillates (petroleum), solvent-refined heavy paraffinic (CAS 64741-88-4)  
 Distillates (petroleum), solvent-refined light paraffinic (CAS 64741-89-5)  
 Paraffin Oils (petroleum), Catalytic Dewaxed Heavy (CAS 64742-70-7)  
 Petroleum distillates, solvent dewaxed light paraffinic (CAS 64742-56-9)  
 Residual oils (petroleum), hydrotreated (CAS 64742-57-0)

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

1,2-Ethanediol (CAS 107-21-1)

**US. Pennsylvania Worker and Community Right-to-Know Law**

1,2-Ethanediol (CAS 107-21-1)

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

Distillates (petroleum), solvent refined light naphthenic (CAS 64741-97-5)

Distillates (petroleum), Solvent-dewaxed Light Naphthenic (CAS 64742-64-9)

Distillates (petroleum), solvent-refined light paraffinic (CAS 64741-89-5)

Paraffin Oils (petroleum), Catalytic Dewaxed Heavy (CAS 64742-70-7)

Petroleum distillates, solvent dewaxed light paraffinic (CAS 64742-56-9)

Residual oils (petroleum), hydrotreated (CAS 64742-57-0)

**US. Rhode Island RTK**

1,2-Ethanediol (CAS 107-21-1)

**US. California Proposition 65**

WARNING: This product contains a chemical known to the State of California to cause cancer and birth defects or other reproductive harm. Ethylene glycol

**Inventory status**

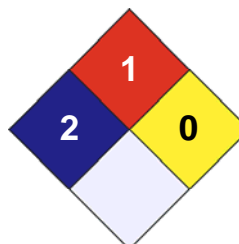
Country(s) or region	Inventory name	On inventory (yes/no)*
Canada	Domestic Substances List (DSL)	No
Canada	Non-Domestic Substances List (NDSL)	No
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	No

\*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

**16. Other Information**

LEGEND	
Severe	4
Serious	3
Moderate	2
Slight	1
Minimal	0

HEALTH	* 2
FLAMMABILITY	1
PHYSICAL HAZARD	0
PERSONAL PROTECTION	X

**Disclaimer**

The information in the sheet was written based on the best knowledge and experience currently available. Information contained herein was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of the supplier, it is assumed that users of this material have been fully trained according to the requirements of all applicable legislation and regulatory instruments. No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries or consequential damages which may result from the use of or reliance on any information contained in this document.

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01

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**Prepared by**

Dell Tech Laboratories Ltd. Phone: (519) 858-5021

**Other information**

For an updated SDS, please contact the supplier/manufacturer listed on the first page of the document.