



SAFETY DATA SHEET

1. Product and Company Identification

Product identifier	Marine STX (All)
Other means of identification	Not available
Recommended use	Stern Tube Lubricant
Recommended restrictions	None known.
Manufacturer information	Irving Blending & Packaging PO Box 1169 Saint John, NB E2L 4E6 CA Phone: 1.800.574.5823 Emergency Phone: 1.506.648.3060
Supplier	See above.

2. Hazards Identification

Physical hazards	Not classified.	
Health hazards	Serious eye damage/eye irritation	Category 2
	Sensitization, skin	Category 1
Environmental hazards	Not classified.	
WHMIS 2015 defined hazards	Not classified	
Label elements		



Signal word Warning

Hazard statement May cause an allergic skin reaction. Causes serious eye irritation.

Precautionary statement

Prevention

Avoid breathing mist or vapor. Contaminated work clothing should not be allowed out of the workplace. Wash thoroughly after handling. Wear protective gloves. Wear eye/face protection.

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.

Storage

Store away from incompatible materials.

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 Not applicable.

3. Composition/Information on Ingredients

Mixture

Chemical name	Common name and synonyms	CAS number	%
Paraffin Oils (petroleum), Catalytic Dewaxed Heavy		64742-70-7	60-100
Olefin sulfide - HMIRA 8219		Trade Secret	1
Phosphoric acid esters/amine salt - HMIRA 8219		Trade Secret	0.6

4. First Aid Measures

Inhalation	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.
Skin contact	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.
Eye contact	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
Ingestion	Rinse mouth. If ingestion of a large amount does occur, call a poison control center immediately.
Most important symptoms/effects, acute and delayed	Symptoms may include stinging, tearing, redness, swelling of the eyes, and blurred vision.
Indication of immediate medical attention and special treatment needed	Treat symptomatically.
General information	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

5. Fire Fighting Measures

Suitable extinguishing media	Dry chemical powder. Water fog. Foam. Carbon dioxide (CO2).
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.
Specific hazards arising from the chemical	During fire, gases hazardous to health may be formed.
Special protective equipment and precautions for firefighters	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
Fire-fighting equipment/instructions	Move containers from fire area if you can do so without risk.
Specific methods	Use standard firefighting procedures and consider the hazards of other involved materials.
General fire hazards	No unusual fire or explosion hazards noted.
Hazardous combustion products	May include and are not limited to: Oxides of carbon. Oxides of nitrogen. Oxides of sulfur. Oxides of phosphorus.

6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures	Keep out of low areas. Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. For personal protection, see section 8 of the SDS.
Methods and materials for containment and cleaning up	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. Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS.
Environmental precautions	Avoid discharge into drains, water courses or onto the ground.

7. Handling and Storage

Precautions for safe handling	Avoid contact with eyes, skin and clothing. Avoid prolonged and repeated contact. Use care in handling/storage.
Conditions for safe storage, including any incompatibilities	Store in original tightly closed container. 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
Paraffin Oils (petroleum), Catalytic Dewaxed Heavy (CAS 64742-70-7)	STEL	10 mg/m3	Mist.

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

Components	Type	Value	Form
	TWA	5 mg/m3	Mist.

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

Components	Type	Value	Form
Paraffin Oils (petroleum), Catalytic Dewaxed Heavy (CAS 64742-70-7)	TWA	5 mg/m3	Inhalable fraction.

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

Components	Type	Value	Form
Paraffin Oils (petroleum), Catalytic Dewaxed Heavy (CAS 64742-70-7)	STEL	10 mg/m3	Mist.
	TWA	5 mg/m3	Mist.

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

Components	Type	Value	Form
Paraffin Oils (petroleum), Catalytic Dewaxed Heavy (CAS 64742-70-7)	STEL	10 mg/m3	Mist.
	TWA	5 mg/m3	Mist.

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

Components	Type	Value	Form
Paraffin Oils (petroleum), Catalytic Dewaxed Heavy (CAS 64742-70-7)	PEL	5 mg/m3	Mist.

US. ACGIH Threshold Limit Values

Components	Type	Value	Form
Paraffin Oils (petroleum), Catalytic Dewaxed Heavy (CAS 64742-70-7)	TWA	5 mg/m3	Inhalable fraction.

US. NIOSH: Pocket Guide to Chemical Hazards

Components	Type	Value	Form
Paraffin Oils (petroleum), Catalytic Dewaxed Heavy (CAS 64742-70-7)	STEL	10 mg/m3	Mist.
	TWA	5 mg/m3	Mist.

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

Exposure guidelines

Canada - Alberta OELs: Skin designation

1,4-Dioxane (CAS 123-91-1) Can be absorbed through the skin.

Canada - British Columbia OELs: Skin designation

1,4-Dioxane (CAS 123-91-1) Can be absorbed through the skin.

Canada - Manitoba OELs: Skin designation

1,4-Dioxane (CAS 123-91-1) Can be absorbed through the skin.

Canada - Ontario OELs: Skin designation

1,4-Dioxane (CAS 123-91-1) Can be absorbed through the skin.

Canada - Quebec OELs: Skin designation

1,4-Dioxane (CAS 123-91-1) Can be absorbed through the skin.

Canada - Saskatchewan OELs: Skin designation

1,4-Dioxane (CAS 123-91-1) Can be absorbed through the skin.

US ACGIH Threshold Limit Values: Skin designation

1,4-Dioxane (CAS 123-91-1) Can be absorbed through the skin.

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

1,4-Dioxane (CAS 123-91-1) Can be absorbed through the skin.

Ethyl acrylate (CAS 140-88-5) Can be absorbed through the skin.

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	
Eye/face protection	Safety goggles or glasses.
Skin protection	
Hand protection	Wear protective gloves.
Other	Wear appropriate chemical resistant clothing.
Respiratory protection	When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.
Thermal hazards	Not applicable.
General hygiene considerations	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.

9. Physical and Chemical Properties

Appearance	Clear
Physical state	Liquid.
Form	Liquid
Color	Brown
Odor	Petroleum
Odor threshold	Not available.
pH	Not available.
Melting point/freezing point	Not available.
Initial boiling point and boiling range	Not available.
Pour point	Not available.
Specific gravity	0.9008 - 0.9047 @ 15°C
Partition coefficient (n-octanol/water)	Not available.
Flash point	564.8 - 568.4 °F (296.0 - 298.0 °C) Cleveland Open Cup
Evaporation rate	Not available.
Flammability (solid, gas)	Not applicable.
Upper/lower flammability or explosive limits	
Flammability limit - lower (%)	Not available.
Flammability limit - upper (%)	Not available.
Explosive limit - lower (%)	Not available.
Explosive limit - upper (%)	Not available.
Vapor pressure	< 0.1 mm Hg @ 20°C
Vapor density	Not available.
Relative density	Not available.
Solubility(ies)	Negligible
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	317.1 - 452.5 cSt @ 40°C
Other information	
Percent volatile	0

10. Stability and Reactivity

Reactivity	This product may react with oxidizing agents.
Possibility of hazardous reactions	No dangerous reaction known under conditions of normal use.
Chemical stability	Material is stable under normal conditions.
Conditions to avoid	Avoid temperatures exceeding the flash point.

Incompatible materials	Strong oxidizing agents.
Hazardous decomposition products	May include and are not limited to: Oxides of carbon. Oxides of nitrogen. Oxides of sulfur. Oxides of phosphorus.

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	Causes serious eye irritation. Symptoms may include stinging, tearing, redness, swelling of the eyes, and blurred vision.	
Information on toxicological effects		
Acute toxicity		
Components	Species	Test Results
Olefin sulfide - HMIRA 8219 (CAS Trade Secret)		
Acute		
<i>Dermal</i>		
LD50	Rabbit	> 2000 mg/kg
Paraffin Oils (petroleum), Catalytic Dewaxed Heavy (CAS 64742-70-7)		
Acute		
<i>Inhalation</i>		
LC50	Not available	
<i>Oral</i>		
LD50	Not available	
Skin corrosion/irritation	Prolonged skin contact may cause temporary irritation.	
Exposure minutes	Not available.	
Erythema value	Not available.	
Oedema value	Not available.	
Serious eye damage/eye irritation	Causes serious eye irritation.	
Corneal opacity value	Not available.	
Iris lesion value	Not available.	
Conjunctival reddening value	Not available.	
Conjunctival oedema value	Not available.	
Recover days	Not available.	
Respiratory or skin sensitization		
ACGIH sensitization		
Propylene oxide (CAS 75-56-9)	Dermal sensitization	
Canada - British Columbia OELs: Respiratory or skin sensitiser		
Ethyl acrylate (CAS 140-88-5)	Capable of causing respiratory, dermal or conjunctival sensitization.	
Propylene oxide (CAS 75-56-9)	Capable of causing respiratory, dermal or conjunctival sensitization.	
Canada - Manitoba OELs Hazard: Dermal sensitization		
Propylene oxide (CAS 75-56-9)	Dermal sensitization	
Canada - Saskatchewan OELs Hazard Data: Sensitiser		
Propylene oxide (CAS 75-56-9)	Sensitizer.	
Respiratory sensitization	Not available.	
Skin sensitization	May cause sensitization by skin contact.	
Mutagenicity	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.	
Carcinogenicity	This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.	

ACGIH Carcinogens

1,4-Dioxane (CAS 123-91-1)	A3 Confirmed animal carcinogen with unknown relevance to humans.
2-Pentanone, 4-methyl- (CAS 108-10-1)	A3 Confirmed animal carcinogen with unknown relevance to humans.
Distillates (petroleum), hydrotreated heavy paraffinic (CAS 64742-54-7)	A2 Suspected human carcinogen.
Distillates (petroleum), hydrotreated light paraffinic (CAS 64742-55-8)	A4 Not classifiable as a human carcinogen. A2 Suspected human carcinogen.
Ethyl acrylate (CAS 140-88-5)	A4 Not classifiable as a human carcinogen.
Oxirane (CAS 75-21-8)	A4 Not classifiable as a human carcinogen.
Paraffin Oils (petroleum), Catalytic Dewaxed Heavy (CAS 64742-70-7)	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.
Propylene oxide (CAS 75-56-9)	A4 Not classifiable as a human carcinogen. A3 Confirmed animal carcinogen with unknown relevance to humans.

Canada - Alberta OELs: Carcinogen category

Oxirane (CAS 75-21-8)	Suspected human carcinogen.
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Canada - Manitoba OELs: carcinogenicity

1,4-DIOXANE (CAS 123-91-1)	Confirmed animal carcinogen with unknown relevance to humans.
ETHYL ACRYLATE (CAS 140-88-5)	Not classifiable as a human carcinogen.
ETHYLENE OXIDE (CAS 75-21-8)	Suspected human carcinogen.
METHYL ISOBUTYL KETONE (CAS 108-10-1)	Confirmed animal carcinogen with unknown relevance to humans.
MINERAL OIL, EXCLUDING METAL WORKING FLUIDS, POORLY AND MILDLY REFINED (CAS 64742-54-7)	Suspected human carcinogen.
MINERAL OIL, EXCLUDING METAL WORKING FLUIDS, POORLY AND MILDLY REFINED (CAS 64742-55-8)	Suspected human carcinogen.
MINERAL OIL, EXCLUDING METAL WORKING FLUIDS, POORLY AND MILDLY REFINED (CAS 64742-56-9)	Suspected human carcinogen.
MINERAL OIL, EXCLUDING METAL WORKING FLUIDS, POORLY AND MILDLY REFINED (CAS 64742-65-0)	Suspected human carcinogen.
MINERAL OIL, EXCLUDING METAL WORKING FLUIDS, POORLY AND MILDLY REFINED (CAS 64742-70-7)	Suspected human carcinogen.
MINERAL OIL, EXCLUDING METAL WORKING FLUIDS, PURE, HIGHLY AND SEVERELY REFINED, INHALABLE FRACTION (CAS 64742-54-7)	Not classifiable as a human carcinogen.
MINERAL OIL, EXCLUDING METAL WORKING FLUIDS, PURE, HIGHLY AND SEVERELY REFINED, INHALABLE FRACTION (CAS 64742-55-8)	Not classifiable as a human carcinogen.
MINERAL OIL, EXCLUDING METAL WORKING FLUIDS, PURE, HIGHLY AND SEVERELY REFINED, INHALABLE FRACTION (CAS 64742-56-9)	Not classifiable as a human carcinogen.
MINERAL OIL, EXCLUDING METAL WORKING FLUIDS, PURE, HIGHLY AND SEVERELY REFINED, INHALABLE FRACTION (CAS 64742-65-0)	Not classifiable as a human carcinogen.
MINERAL OIL, EXCLUDING METAL WORKING FLUIDS, PURE, HIGHLY AND SEVERELY REFINED, INHALABLE FRACTION (CAS 64742-70-7)	Not classifiable as a human carcinogen.
PROPYLENE OXIDE (CAS 75-56-9)	Confirmed animal carcinogen with unknown relevance to humans.

Canada - Quebec OELs: Carcinogen category

1,4-Dioxane (CAS 123-91-1)	Detected carcinogenic effect in animals.
Ethyl acrylate (CAS 140-88-5)	Detected carcinogenic effect in animals.
Oxirane (CAS 75-21-8)	Suspected carcinogenic effect in humans.
Propylene oxide (CAS 75-56-9)	Suspected carcinogenic effect in humans.

IARC Monographs. Overall Evaluation of Carcinogenicity

1,4-Dioxane (CAS 123-91-1)	Volume 11, Supplement 7, Volume 71 - 2B Possibly carcinogenic to humans.
2-Pentanone, 4-methyl- (CAS 108-10-1)	Volume 101 - 2B Possibly carcinogenic to humans.
Ethyl acrylate (CAS 140-88-5)	Volume 39, Supplement 7, Volume 71 - 2B Possibly carcinogenic to humans.
Oxirane (CAS 75-21-8)	Volume 97, Volume 100F 1 Carcinogenic to humans.
Propylene oxide (CAS 75-56-9)	Volume 60 - 2B Possibly carcinogenic to humans.

US - California Proposition 65 - CRT: Listed date/Carcinogenic substance

1,4-Dioxane (CAS 123-91-1)
2-Pentanone, 4-methyl- (CAS 108-10-1)

Ethyl acrylate (CAS 140-88-5)
Oxirane (CAS 75-21-8)
Propylene oxide (CAS 75-56-9)

US NTP Report on Carcinogens: Anticipated carcinogen

1,4-Dioxane (CAS 123-91-1) Reasonably Anticipated to be a Human Carcinogen.
Propylene oxide (CAS 75-56-9) Reasonably Anticipated to be a Human Carcinogen.

US NTP Report on Carcinogens: Known carcinogen

Distillates (petroleum), hydrotreated heavy paraffinic (CAS 64742-54-7) Known To Be Human Carcinogen.
Distillates (petroleum), hydrotreated light paraffinic (CAS 64742-55-8) Known To Be Human Carcinogen.
Distillates (petroleum), solvent-dewaxed heavy paraffin (CAS 64742-65-0) Known To Be Human Carcinogen.
Oxirane (CAS 75-21-8) 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.

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

Oxirane (CAS 75-21-8) Cancer

Reproductive toxicity This product is not expected to cause reproductive or developmental effects.
Teratogenicity Not available.
Specific target organ toxicity - single exposure Not classified.
Specific target organ toxicity - repeated exposure Not classified.
Aspiration hazard Not available.
Chronic effects Prolonged inhalation may be harmful.

12. Ecological Information

Ecotoxicity Not available.
Persistence and degradability No data is available on the degradability of this product.
Bioaccumulative potential No data available.
Mobility in soil No data available.
Mobility in general Not available.
Other adverse effects 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

Disposal instructions Collect and reclaim or dispose in sealed containers at licensed waste disposal site.
Local disposal regulations Dispose in accordance with all applicable regulations.
Hazardous waste code The waste code should be assigned in discussion between the user, the producer and the waste disposal company.
Waste from residues / unused products 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).
Contaminated packaging 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

Transport of Dangerous Goods (TDG) Proof of Classification 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.
U.S. Department of Transportation (DOT)
Not regulated as dangerous goods.
Transportation of Dangerous Goods (TDG - Canada)
Not regulated as dangerous goods.

15. Regulatory Information

Canadian federal regulations 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.

Canada CEPA Schedule I: Listed substance

Oxirane (CAS 75-21-8) Listed.
Propylene oxide (CAS 75-56-9) Listed.

Canada DSL Challenge Substances: Listed substance

1,4-Dioxane (CAS 123-91-1) Listed.
Ethyl acrylate (CAS 140-88-5) Listed.
Propylene oxide (CAS 75-56-9) Listed.

Canada NPRI VOCs with Additional Reporting Requirements: Mass reporting threshold/Identification Number

2-Pentanone, 4-methyl- (CAS 108-10-1) 1 TONNES

Canada Priority Substances List (Second List): Listed substance

Oxirane (CAS 75-21-8) Listed.

Canada SNAc Reporting Requirements: Listed substance/Publication date

Propylene oxide (CAS 75-56-9) 12/21/2011 Listed.

Export Control List (CEPA 1999, Schedule 3)

Oxirane (CAS 75-21-8) Substance subject to notification or consent.

Greenhouse Gases

Not listed.

Precursor Control Regulations

Not regulated.

WHMIS 2015 Exemptions

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)

1,4-Dioxane (CAS 123-91-1) Listed.
2-Pentanone, 4-methyl- (CAS 108-10-1) Listed.
Ethyl acrylate (CAS 140-88-5) Listed.
Oxirane (CAS 75-21-8) Listed.
Propylene oxide (CAS 75-56-9) Listed.

US EPCRA Section 304 Extremely Haz. Subs. & CERCLA Haz. Subs.: Section 304 EHS reportable quantity

Oxirane (CAS 75-21-8) 10 LBS
Propylene oxide (CAS 75-56-9) 100 LBS

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

Oxirane (CAS 75-21-8) Cancer
Reproductive toxicity
Mutagenicity
Central nervous system
Skin sensitization
Skin irritation
Eye irritation
respiratory tract irritation
Acute toxicity
Flammability

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

1,4-Dioxane (CAS 123-91-1)
2-Pentanone, 4-methyl- (CAS 108-10-1)
Ethyl acrylate (CAS 140-88-5)
Oxirane (CAS 75-21-8)
Propylene oxide (CAS 75-56-9)

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

Oxirane (CAS 75-21-8)
Propylene oxide (CAS 75-56-9)

US state regulations

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

1,4-Dioxane (CAS 123-91-1) Listed.
2-Pentanone, 4-methyl- (CAS 108-10-1) Listed.
Distillates (petroleum), hydrotreated light paraffinic (CAS 64742-55-8) Listed.
Distillates (petroleum), solvent-dewaxed heavy paraffin (CAS 64742-65-0) Listed.
Ethyl acrylate (CAS 140-88-5) Listed.
Oxirane (CAS 75-21-8) Listed.
Paraffin Oils (petroleum), Catalytic Dewaxed Heavy (CAS 64742-70-7) Listed.
Petroleum distillates, solvent dewaxed light paraffinic (CAS 64742-56-9) Listed.
Propylene oxide (CAS 75-56-9) Listed.

US - Illinois Chemical Safety Act: Listed substance

1,4-Dioxane (CAS 123-91-1)
2-Pentanone, 4-methyl- (CAS 108-10-1)
Ethyl acrylate (CAS 140-88-5)
Oxirane (CAS 75-21-8)
Propylene oxide (CAS 75-56-9)

US - Louisiana Spill Reporting: Listed substance

1,4-Dioxane (CAS 123-91-1) Listed.
2-Pentanone, 4-methyl- (CAS 108-10-1) Listed.
Ethyl acrylate (CAS 140-88-5) Listed.
Oxirane (CAS 75-21-8) Listed.
Propylene oxide (CAS 75-56-9) Listed.

US - Minnesota Haz Subs: Listed substance

1,4-Dioxane (CAS 123-91-1) Listed.
2-Pentanone, 4-methyl- (CAS 108-10-1) Listed.
Distillates (petroleum), hydrotreated light paraffinic (CAS 64742-55-8) Listed.
Distillates (petroleum), solvent-dewaxed heavy paraffin (CAS 64742-65-0) Listed.
Ethyl acrylate (CAS 140-88-5) Listed.
Oxirane (CAS 75-21-8) Listed.
Paraffin Oils (petroleum), Catalytic Dewaxed Heavy (CAS 64742-70-7) Listed.
Petroleum distillates, solvent dewaxed light paraffinic (CAS 64742-56-9) Listed.
Propylene oxide (CAS 75-56-9) Listed.

US - New Jersey RTK - Substances: Listed substance

1,4-Dioxane (CAS 123-91-1)
2-Pentanone, 4-methyl- (CAS 108-10-1)
Ethyl acrylate (CAS 140-88-5)
Oxirane (CAS 75-21-8)
Propylene oxide (CAS 75-56-9)

US - North Carolina Toxic Air Pollutants: Listed substance

1,4-Dioxane (CAS 123-91-1)
2-Pentanone, 4-methyl- (CAS 108-10-1)
Oxirane (CAS 75-21-8)

US - Pennsylvania RTK - Hazardous Substances: Special hazard

1,4-Dioxane (CAS 123-91-1)
Ethyl acrylate (CAS 140-88-5)
Oxirane (CAS 75-21-8)
Propylene oxide (CAS 75-56-9)

US - Texas Effects Screening Levels: Listed substance

1,4-Dioxane (CAS 123-91-1) Listed.
2-Pentanone, 4-methyl- (CAS 108-10-1) Listed.
Distillates (petroleum), hydrotreated heavy paraffinic (CAS 64742-54-7) Listed.
Distillates (petroleum), hydrotreated light paraffinic (CAS 64742-55-8) Listed.
Distillates (petroleum), solvent-dewaxed heavy paraffin (CAS 64742-65-0) Listed.

Ethyl acrylate (CAS 140-88-5) Listed.
 Oxirane (CAS 75-21-8) Listed.
 Paraffin Oils (petroleum), Catalytic Dewaxed Heavy (CAS 64742-70-7) Listed.
 Petroleum distillates, solvent dewaxed light paraffinic (CAS 64742-56-9) Listed.
 Propylene oxide (CAS 75-56-9) Listed.

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

1,4-Dioxane (CAS 123-91-1)

US. Massachusetts RTK - Substance List

1,4-Dioxane (CAS 123-91-1)
 2-Pentanone, 4-methyl- (CAS 108-10-1)
 Distillates (petroleum), hydrotreated light paraffinic (CAS 64742-55-8)
 Distillates (petroleum), solvent-dewaxed heavy paraffin (CAS 64742-65-0)
 Ethyl acrylate (CAS 140-88-5)
 Oxirane (CAS 75-21-8)
 Paraffin Oils (petroleum), Catalytic Dewaxed Heavy (CAS 64742-70-7)
 Petroleum distillates, solvent dewaxed light paraffinic (CAS 64742-56-9)
 Propylene oxide (CAS 75-56-9)

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

1,4-Dioxane (CAS 123-91-1)
 2-Pentanone, 4-methyl- (CAS 108-10-1)
 Ethyl acrylate (CAS 140-88-5)
 Oxirane (CAS 75-21-8)
 Propylene oxide (CAS 75-56-9)

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

1,4-Dioxane (CAS 123-91-1)
 2-Pentanone, 4-methyl- (CAS 108-10-1)
 Distillates (petroleum), hydrotreated light paraffinic (CAS 64742-55-8)
 Ethyl acrylate (CAS 140-88-5)
 Oxirane (CAS 75-21-8)
 Paraffin Oils (petroleum), Catalytic Dewaxed Heavy (CAS 64742-70-7)
 Petroleum distillates, solvent dewaxed light paraffinic (CAS 64742-56-9)
 Propylene oxide (CAS 75-56-9)

US. Rhode Island RTK

1,4-Dioxane (CAS 123-91-1)
 2-Pentanone, 4-methyl- (CAS 108-10-1)
 Ethyl acrylate (CAS 140-88-5)
 Oxirane (CAS 75-21-8)
 Propylene oxide (CAS 75-56-9)

US. California Proposition 65

US - California Proposition 65 - CRT: Listed date/Carcinogenic substance

1,4-Dioxane (CAS 123-91-1) Listed: January 1, 1988
 2-Pentanone, 4-methyl- (CAS 108-10-1) Listed: November 4, 2011
 Ethyl acrylate (CAS 140-88-5) Listed: July 1, 1989
 Oxirane (CAS 75-21-8) Listed: July 1, 1987
 Propylene oxide (CAS 75-56-9) Listed: October 1, 1988

US - California Proposition 65 - CRT: Listed date/Developmental toxin

2-Pentanone, 4-methyl- (CAS 108-10-1) Listed: March 28, 2014
 Oxirane (CAS 75-21-8) Listed: August 7, 2009

US - California Proposition 65 - CRT: Listed date/Female reproductive toxin

Oxirane (CAS 75-21-8) Listed: February 27, 1987

US - California Proposition 65 - CRT: Listed date/Male reproductive toxin

Oxirane (CAS 75-21-8) Listed: August 7, 2009

Inventory status

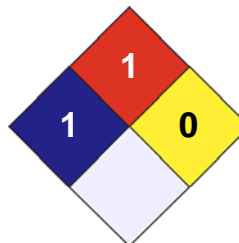
Country(s) or region	Inventory name	On inventory (yes/no)*
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

*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	*	1
FLAMMABILITY		1
PHYSICAL HAZARD		0
PERSONAL PROTECTION		X



Disclaimer

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. The above SDS reflects the latest information on file with respect to hazards, properties and handling of this product. No warranty however, expressed or implied, is made with regard to the use of this information.

Issue date

25-July-2016

Version

01

Effective date

25-July-2016

Prepared by

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Other information

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