



SAFETY DATA SHEET

1. Identification

Product identifier	HD Hydraulic 10W
Other means of identification	Not available.
Recommended use	Lubricant
Recommended restrictions	None known.
Manufacturer/Importer/Supplier/Distributor information	
Manufacturer	
Company name	Irving Blending & Packaging
Address	555 Courtenay Bay Causeway Saint John NB E2L 4E6 Canada
Telephone	1.800.574.5823
E-mail	Not available.
Emergency phone number	1.800.424.9300 (CHEMTREC)
Supplier	Irving Oil Terminals Inc. 190 Commerce Way, Portsmouth, 03801-3281, NH 603-559-8700

2. Hazard identification

Physical hazards	Not classified.
Health hazards	Not classified.
Environmental hazards	Not classified.
WHMIS 2015 defined hazards	Not classified
Label elements	
Hazard symbol	None.
Signal word	None.
Hazard statement	The mixture does not meet the criteria for classification.
Precautionary statement	
Prevention	Observe good industrial hygiene practices.
Response	Wash hands after handling.
Storage	Store away from incompatible materials.
Disposal	Dispose of waste and residues in accordance with local authority requirements.
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

Chemical name	Common name and synonyms	CAS number	%
Lubricating oils, petroleum, hydrotreated spent		64742-58-1	80 - 100
Zinc, bis[O,O-bis(2-ethylhexyl) phosphorodithioato-S,S']-, (T-4)-		4259-15-8	0.5 - 1.5

Chemical name	Common name and synonyms	CAS number	%
2,6-Di-tert-butylphenol		128-39-2	0.1 - 1
Distillates (petroleum), hydrotreated heavy paraffinic		64742-54-7	0.1 - 1
Distillates (petroleum), hydrotreated light paraffinic		64742-55-8	0.1 - 1
Distillates (petroleum), solvent-dewaxed heavy paraffin		64742-65-0	0.1 - 1
Petroleum distillates, solvent dewaxed light paraffinic		64742-56-9	0.1 - 1

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

Composition comments	US GHS: The exact percentage (concentration) of composition has been withheld as a trade secret in accordance with paragraph (i) of §1910.1200.
	CANADA GHS: The exact percentage (concentration) of composition has been withheld as a trade secret.

4. First-aid measures

Inhalation	If symptoms develop move victim to fresh air. If symptoms persist, obtain medical attention.
Skin contact	Flush with cool water. Wash with soap and water. Obtain medical attention if irritation persists.
Eye contact	Flush with cool water. Remove contact lenses, if applicable, and continue flushing. Obtain medical attention if irritation persists.
Ingestion	Rinse mouth. Do not induce vomiting. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration. Never give anything by mouth if victim is unconscious or is convulsing. Obtain medical attention.
Most important symptoms/effects, acute and delayed	Direct contact with eyes may cause temporary irritation.
Indication of immediate medical attention and special treatment needed	Treat symptomatically.
General information	If you feel unwell, seek medical advice (show the label where possible). Show this safety data sheet to the doctor in attendance. Avoid contact with eyes and skin. Keep out of reach of children.

5. Fire-fighting measures

Suitable extinguishing media	Water fog. Foam. Dry chemical powder. Carbon dioxide.
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.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures	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. Local authorities should be advised if significant spillages cannot be contained. 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. Absorb in vermiculite, dry sand or earth and place into containers. 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.
Environmental precautions	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

Precautions for safe handling	Avoid contact with eyes. Avoid breathing mist or vapor. Avoid prolonged exposure. Wash thoroughly after handling. Observe good industrial hygiene practices. When using do not eat or drink.
Conditions for safe storage, including any incompatibilities	Store in tightly closed container. Store away from incompatible materials (see Section 10 of the SDS). Keep out of reach of children.

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 paraffinic (CAS 64742-54-7)	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-dewaxed heavy paraffin (CAS 64742-65-0)	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. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended)

Components	Type	Value	Form
Distillates (petroleum), hydrotreated heavy paraffinic (CAS 64742-54-7)	TWA	1 mg/m3	Mist.
Distillates (petroleum), hydrotreated light paraffinic (CAS 64742-55-8)	TWA	1 mg/m3	Mist.
Distillates (petroleum), solvent-dewaxed heavy paraffin (CAS 64742-65-0)	TWA	1 mg/m3	Mist.
Lubricating oils, petroleum, hydrotreated spent (CAS 64742-58-1)	TWA	1 mg/m3	Mist.
Petroleum distillates, solvent dewaxed light paraffinic (CAS 64742-56-9)	TWA	1 mg/m3	Mist.

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

Components	Type	Value	Form
Distillates (petroleum), hydrotreated heavy paraffinic (CAS 64742-54-7)	TWA	5 mg/m3	Inhalable fraction.
Distillates (petroleum), hydrotreated light paraffinic (CAS 64742-55-8)	TWA	5 mg/m3	Inhalable fraction.
Distillates (petroleum), solvent-dewaxed heavy paraffin (CAS 64742-65-0)	TWA	5 mg/m3	Inhalable fraction.
Lubricating oils, petroleum, hydrotreated spent (CAS 64742-58-1)	TWA	5 mg/m3	Inhalable fraction.
Petroleum distillates, solvent dewaxed light paraffinic (CAS 64742-56-9)	TWA	5 mg/m3	Inhalable fraction.

Canada. New Brunswick Regulation 91-191, as amended

Components	Type	Value	Form
Distillates (petroleum), hydrotreated heavy paraffinic (CAS 64742-54-7)	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-dewaxed heavy paraffin (CAS 64742-65-0)	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. Ontario OELs. (Control of Exposure to Biological or Chemical Agents)

Components	Type	Value	Form
Distillates (petroleum), hydrotreated heavy paraffinic (CAS 64742-54-7)	TWA	5 mg/m3	Inhalable fraction.
Distillates (petroleum), hydrotreated light paraffinic (CAS 64742-55-8)	TWA	5 mg/m3	Inhalable fraction.
Lubricating oils, petroleum, hydrotreated spent (CAS 64742-58-1)	TWA	5 mg/m3	Inhalable fraction.
Petroleum distillates, solvent dewaxed light paraffinic (CAS 64742-56-9)	TWA	5 mg/m3	Inhalable fraction.

Canada. Quebec OELs. (Ministry of Labor - Regulation respecting occupational health and safety)

Components	Type	Value	Form
Distillates (petroleum), hydrotreated heavy paraffinic (CAS 64742-54-7)	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-dewaxed heavy paraffin (CAS 64742-65-0)	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. Saskatchewan OELs (Occupational Health and Safety Regulations, 2020. S-15.1 Reg. 10. Table 18)

Components	Type	Value
Distillates (petroleum), hydrotreated heavy paraffinic (CAS 64742-54-7)	15 minute	10 mg/m3
Distillates (petroleum), hydrotreated light paraffinic (CAS 64742-55-8)	15 minute	10 mg/m3
Distillates (petroleum), solvent-dewaxed heavy paraffin (CAS 64742-65-0)	15 minute	10 mg/m3

Canada. Saskatchewan OELs (Occupational Health and Safety Regulations, 2020. S-15.1 Reg. 10. Table 18)

Components	Type	Value
Petroleum distillates, solvent dewaxed light paraffinic (CAS 64742-56-9)	15 minute	10 mg/m3

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

Components	Type	Value	Form
Distillates (petroleum), hydrotreated heavy paraffinic (CAS 64742-54-7)	PEL	5 mg/m3	Mist.
Distillates (petroleum), hydrotreated light paraffinic (CAS 64742-55-8)	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	
Petroleum distillates, solvent dewaxed light paraffinic (CAS 64742-56-9)	PEL	5 mg/m3	Mist.

US. ACGIH Threshold Limit Values

Components	Type	Value	Form
Distillates (petroleum), hydrotreated heavy paraffinic (CAS 64742-54-7)	TWA	5 mg/m3	Inhalable fraction.
Distillates (petroleum), hydrotreated light paraffinic (CAS 64742-55-8)	TWA	5 mg/m3	Inhalable fraction.
Distillates (petroleum), solvent-dewaxed heavy paraffin (CAS 64742-65-0)	TWA	5 mg/m3	Inhalable fraction.
Lubricating oils, petroleum, hydrotreated spent (CAS 64742-58-1)	TWA	5 mg/m3	Inhalable fraction.
Petroleum distillates, solvent dewaxed light paraffinic (CAS 64742-56-9)	TWA	5 mg/m3	Inhalable fraction.

US. NIOSH: Pocket Guide to Chemical Hazards

Components	Type	Value	Form
Distillates (petroleum), hydrotreated heavy paraffinic (CAS 64742-54-7)	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-dewaxed heavy paraffin (CAS 64742-65-0)	Ceiling	1800 mg/m3	
	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.

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

Appropriate engineering controls Ensure adequate ventilation.

Individual protection measures, such as personal protective equipment

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

Skin protection	
Hand protection	Wear appropriate chemical resistant gloves. Confirm with a reputable supplier first.
Other	Wear suitable protective clothing. As required by employer code.
Respiratory protection	In case of insufficient ventilation, wear suitable respiratory equipment.
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. When using do not eat or drink.

9. Physical and chemical properties

Appearance	
Physical state	Liquid.
Form	Liquid.
Color	Not available.
Odor	Not available.
Odor threshold	Not available.
pH	Not available.
Melting point/freezing point	Not available.
Initial boiling point and boiling range	Not available.
Specific gravity	Not available.
Flash point	408.2 °F (209.0 °C) (ASTM D93a)
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	Not available.
Vapor density	Not available.
Relative density	Not available.
Solubility(ies)	Not available.
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	6.8 cSt @ 100°C 40.8 cSt @ 40°C
Other information	
Pour point	-27.04 °F (-32.8 °C) (ASTM D97)
Density	0.85 @ 15°C (kg/L)
Explosive properties	Not explosive.
Oxidizing properties	Not oxidizing.

10. Stability and reactivity

Reactivity	This product may react with strong 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	Do not mix with other chemicals.
Incompatible materials	Strong oxidizing agents.
Hazardous decomposition products	May include and are not limited to: Oxides of carbon.

11. Toxicological information

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

Information on likely routes of exposure

Ingestion May cause stomach distress, nausea or vomiting.
Inhalation Prolonged inhalation may be harmful.
Skin contact No adverse effects due to skin contact are expected.
Eye contact Direct contact with eyes may cause temporary irritation.

Symptoms related to the physical, chemical and toxicological characteristics Direct contact with eyes may cause temporary irritation.

Information on toxicological effects

Acute toxicity See below.

Components	Species	Test Results
2,6-Di-tert-butylphenol (CAS 128-39-2)		
Acute		
<i>Dermal</i>		
LD50	Rabbit	> 10000 mg/kg
<i>Inhalation</i>		
LC50	Not available	
<i>Oral</i>		
LD50	Mouse	2995 mg/kg
Distillates (petroleum), hydrotreated heavy paraffinic (CAS 64742-54-7)		
Acute		
<i>Dermal</i>		
LD50	Rabbit	> 5000 mg/kg, 24 Hours, ECHA
<i>Inhalation</i>		
LC50	Rat	> 5.2 mg/L, 4 Hours, ECHA
<i>Oral</i>		
LD50	Rat	> 5000 mg/kg, ECHA
Distillates (petroleum), hydrotreated light paraffinic (CAS 64742-55-8)		
Acute		
<i>Dermal</i>		
LD50	Rabbit	> 5000 mg/kg, 24 Hours, ECHA
<i>Inhalation</i>		
LC50	Rat	< 5.7 mg/L, 4 Hours, ECHA
<i>Oral</i>		
LD50	Rat	> 2000 mg/kg, ECHA
Distillates (petroleum), solvent-dewaxed heavy paraffin (CAS 64742-65-0)		
Acute		
<i>Dermal</i>		
LD50	Rabbit	> 2000 mg/kg, 24 Hours, ECHA
<i>Inhalation</i>		
LC50	Rat	2.2 mg/L, 4 Hours, ECHA
<i>Oral</i>		
LD50	Rat	> 5000 mg/kg, ECHA
Lubricating oils, petroleum, hydrotreated spent (CAS 64742-58-1)		
Acute		
<i>Dermal</i>		
LD50	Rabbit	> 4480 mg/kg
<i>Inhalation</i>		
LC50	Not available	
<i>Oral</i>		
LD50	Rat	> 2000 mg/kg

Components	Species	Test Results
Petroleum distillates, solvent dewaxed light paraffinic (CAS 64742-56-9)		
Acute		
Dermal		
LD50	Rabbit	> 2000 mg/kg, 24 Hours, ECHA
Inhalation		
LC50	Rat	> 5.2 mg/L, 4 Hours, ECHA
Oral		
LD50	Rat	> 5000 mg/kg, ECHA
Zinc, bis[O,O-bis(2-ethylhexyl) phosphorodithioato-S,S']-, (T-4)- (CAS 4259-15-8)		
Acute		
Dermal		
LD50	Rat	5000 mg/kg
Oral		
LD50	Rat	3100 mg/kg
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	Direct contact with eyes may cause temporary 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		
Respiratory sensitization	Not a respiratory sensitizer.	
Skin sensitization	This product is not expected to cause skin sensitization.	
Mutagenicity	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.	
Carcinogenicity	Risk of cancer cannot be excluded with prolonged exposure. See below.	
California Proposition 65 - CRT: Listed date/Carcinogenic substance		
2-Ethylhexyl acrylate (CAS 103-11-7)		
Ethyl acrylate (CAS 140-88-5)		
Canada - Manitoba OELs: carcinogenicity		
Distillates (petroleum), solvent-dewaxed heavy paraffin (CAS 64742-65-0)	Suspected human carcinogen.	
IARC Monographs. Overall Evaluation of Carcinogenicity		
Distillates (petroleum), hydrotreated heavy paraffinic (CAS 64742-54-7)	Volume 33, Supplement 7 - 3 Not classifiable as to carcinogenicity to humans.	
Distillates (petroleum), hydrotreated light paraffinic (CAS 64742-55-8)	Volume 33, Supplement 7 - 3 Not classifiable as to carcinogenicity to humans.	
Distillates (petroleum), solvent-dewaxed heavy paraffin (CAS 64742-65-0)	Volume 33, Supplement 7 - 3 Not classifiable as to carcinogenicity to humans.	
Lubricating oils, petroleum, hydrotreated spent (CAS 64742-58-1)	Volume 33, Supplement 7 - 3 Not classifiable as to carcinogenicity to humans.	
Petroleum distillates, solvent dewaxed light paraffinic (CAS 64742-56-9)	Volume 33, Supplement 7 - 3 Not classifiable as to carcinogenicity to humans.	
OSHA Specifically Regulated Substances (29 CFR 1910.1001-1052)		
Not listed.		
US NTP Report on Carcinogens: Known carcinogen		
Distillates (petroleum), solvent-dewaxed heavy paraffin (CAS 64742-65-0)	Known To Be Human Carcinogen.	
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 an aspiration hazard.
Chronic effects	Prolonged inhalation may be harmful. Prolonged exposure may cause chronic effects.

12. Ecological information

Ecotoxicity See below

Ecotoxicological data

Components		Species	Test Results
2,6-Di-tert-butylphenol (CAS 128-39-2)			
Crustacea	EC50	Daphnia	0.45 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 paraffinic (CAS 64742-55-8)			
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
Petroleum distillates, solvent dewaxed light paraffinic (CAS 64742-56-9)			
Crustacea	EC50	Daphnia	1000 mg/L, 48 Hours
Zinc, bis[O,O-bis(2-ethylhexyl) phosphorodithioato-S,S']-, (T-4)- (CAS 4259-15-8)			
Crustacea	EC50	Daphnia	1.25 mg/L, 48 Hours

Persistence and degradability	No data is available on the degradability of any ingredients in the mixture.
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	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	Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

14. Transport information

Transport of Dangerous Goods (TDG) Proof of Classification	Classification Method: Classified as per Part 2, Sections 2.1 – 2.8 of the Transportation of Dangerous Goods Regulations. If applicable, the technical name and the classification of the product will appear below.
U.S. Department of Transportation (DOT)	Not regulated as dangerous goods.
Transportation of Dangerous Goods (TDG - Canada)	Not regulated as dangerous goods.
IATA/ICAO (Air)	Not regulated as dangerous goods.
IMDG (Marine Transport)	Not regulated as dangerous goods.

15. Regulatory information

Canadian federal regulations	This product has been classified in accordance with the hazard criteria of the HPR and the SDS contains all the information required by the HPR.
Canada Priority Substances List (Second List): Listed substance	
	Zinc, bis[O,O-bis(2-ethylhexyl) phosphorodithioato-S,S']-, Listed. (T-4)- (CAS 4259-15-8)

Export Control List (CEPA 1999, Schedule 3)

Not listed.

Greenhouse Gases

Not listed.

Precursor Control Regulations

Not regulated.

WHMIS 2015 Exemptions

Not applicable

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

Not regulated.

CERCLA Hazardous Substance List (40 CFR 302.4)

Zinc, bis[O,O-bis(2-ethylhexyl) phosphorodithioato-S,S']-, (T-4)- (CAS 4259-15-8) Listed.

SARA 304 Emergency release notification

Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1052)

Not listed.

Superfund Amendments and Reauthorization Act of 1986 (SARA)**SARA 302 Extremely hazardous substance** No**SARA 311/312 Hazardous chemical** Yes**Classified hazard categories** Acute toxicity (any route of exposure)**SARA 313 (TRI reporting)**

Chemical name	CAS number	% by wt.
Zinc, bis[O,O-bis(2-ethylhexyl) phosphorodithioato-S,S']-, (T-4)-	4259-15-8	0.5 - 1.5

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

Not regulated.

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

Not regulated.

US state regulations

See below

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

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.

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

Zinc, bis[O,O-bis(2-ethylhexyl) phosphorodithioato-S,S']-, (T-4)- (CAS 4259-15-8) Listed.

US - Illinois Chemical Safety Act: Listed substance

Zinc, bis[O,O-bis(2-ethylhexyl) phosphorodithioato-S,S']-, (T-4)- (CAS 4259-15-8)

US - Louisiana Spill Reporting: Listed substance

Zinc, bis[O,O-bis(2-ethylhexyl) phosphorodithioato-S,S']-, (T-4)- (CAS 4259-15-8) Listed.

US - Michigan Critical Materials Register: Parameter number

Zinc, bis[O,O-bis(2-ethylhexyl) phosphorodithioato-S,S']-, (T-4)- (CAS 4259-15-8)

US - Minnesota Haz Subs: Listed substance

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.

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

US - Texas Effects Screening Levels: Listed substance

2,6-Di-tert-butylphenol (CAS 128-39-2) Listed.

Distillates (petroleum), hydrotreated heavy paraffinic Listed.
(CAS 64742-54-7)
Distillates (petroleum), hydrotreated light paraffinic Listed.
(CAS 64742-55-8)
Distillates (petroleum), solvent-dewaxed heavy Listed.
paraffin (CAS 64742-65-0)
Lubricating oils, petroleum, hydrotreated spent (CAS Listed.
64742-58-1)
Petroleum distillates, solvent dewaxed light paraffinic Listed.
(CAS 64742-56-9)
Zinc, bis[O,O-bis(2-ethylhexyl) Listed.
phosphorodithioato-S,S']-, (T-4)- (CAS 4259-15-8)

US. Massachusetts RTK - Substance List

Distillates (petroleum), hydrotreated heavy paraffinic (CAS 64742-54-7)
Distillates (petroleum), hydrotreated light paraffinic (CAS 64742-55-8)
Distillates (petroleum), solvent-dewaxed heavy paraffin (CAS 64742-65-0)
Petroleum distillates, solvent dewaxed light paraffinic (CAS 64742-56-9)

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

Zinc, bis[O,O-bis(2-ethylhexyl) phosphorodithioato-S,S']-, (T-4)- (CAS 4259-15-8)

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

Distillates (petroleum), hydrotreated heavy paraffinic (CAS 64742-54-7)
Distillates (petroleum), hydrotreated light paraffinic (CAS 64742-55-8)
Petroleum distillates, solvent dewaxed light paraffinic (CAS 64742-56-9)
Zinc, bis[O,O-bis(2-ethylhexyl) phosphorodithioato-S,S']-, (T-4)- (CAS 4259-15-8)

US. Rhode Island RTK

Distillates (petroleum), hydrotreated heavy paraffinic (CAS 64742-54-7)
Distillates (petroleum), hydrotreated light paraffinic (CAS 64742-55-8)
Distillates (petroleum), solvent-dewaxed heavy paraffin (CAS 64742-65-0)
Petroleum distillates, solvent dewaxed light paraffinic (CAS 64742-56-9)

US. California Proposition 65



WARNING: This product can expose you to chemicals including Ethyl acrylate, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

California Proposition 65 - CRT: Listed date/Carcinogenic substance

2-Ethylhexyl acrylate (CAS 103-11-7) Listed: December 17, 2021
Ethyl acrylate (CAS 140-88-5) Listed: July 1, 1989

Inventory status

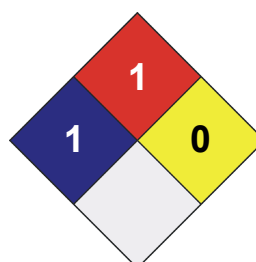
Country(s) or region	Inventory name	On inventory (yes/no)*
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

*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

The information in the safety data sheet was written by Dell Tech Laboratories Ltd. (www.delltech.com) 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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Prepared by Dell Tech Laboratories Ltd. Phone: (519) 858-5021

Further information

Not available.

Other information

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