



SAFETY DATA SHEET

1. Product and Company Identification

Product identifier	Transflo TO-4 (All)
Other means of identification	Not available
Recommended use	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
Environmental hazards	Not classified.	
WHMIS 2015 defined hazards	Not classified	
Label elements		



Signal word	Warning
Hazard statement	Causes serious eye irritation.
Precautionary statement	
Prevention	Wash thoroughly after handling. Wear eye/face protection.
Response	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 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	%
Paraffin Oils (petroleum), Catalytic Dewaxed Heavy		64742-70-7	90-100
Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts		68649-42-3	1
Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based		72623-86-0	0.2

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	Wash off with soap and water. Get medical attention if irritation develops and persists.
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, and blurred vision.
Indication of immediate medical attention and special treatment needed	Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.
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	Water fog. Foam. Dry chemical powder. Carbon dioxide (CO ₂).
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	Not available

6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures	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.
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 exposure. Provide adequate ventilation. Wear appropriate personal protective equipment. Observe good industrial hygiene practices. Use care in handling/storage.
Conditions for safe storage, including any incompatibilities	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
Paraffin Oils (petroleum), Catalytic Dewaxed Heavy (CAS 64742-70-7)	STEL	10 mg/m ³	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
Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based (CAS 72623-86-0)	TWA	5 mg/m3	Inhalable fraction.
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
Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based (CAS 72623-86-0)	TWA	5 mg/m3	Inhalable fraction.
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
US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

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 Chemical goggles are recommended.

Skin protection

Hand protection Wear protective gloves.

Other	Wear appropriate chemical resistant clothing.
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.

9. Physical and Chemical Properties

Appearance	Liquid
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	0.88 - 0.9
Partition coefficient (n-octanol/water)	Not available.
Flash point	> 438.8 °F (> 226.0 °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 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	39 - 196.4 cSt @ 40°C

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	Avoid temperatures exceeding the flash point. Contact with incompatible materials.
Incompatible materials	Strong oxidizing agents.
Hazardous decomposition products	May include and are not limited to: Oxides of nitrogen. Oxides of carbon. 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	No adverse effects due to skin contact are expected.

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
Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based (CAS 72623-86-0)		
Acute		
Dermal		
LD50	Rabbit	> 2000 mg/kg
Inhalation		
LC50	Rat	> 5.2 mg/l/4h
Oral		
LD50	Rat	> 5000 mg/kg
Paraffin Oils (petroleum), Catalytic Dewaxed Heavy (CAS 64742-70-7)		
Acute		
Inhalation		
LC50	Not available	
Oral		
LD50	Not available	
Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts (CAS 68649-42-3)		
Acute		
Dermal		
LD50	Rat	> 2000 mg/kg
Oral		
LD50	Rat	3080 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	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		
Canada - British Columbia OELs: Respiratory or skin sensitiser		
Ethyl acrylate (CAS 140-88-5)	Capable of causing respiratory, dermal or conjunctival sensitization.	
Respiratory sensitization	Not available.	
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	This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA. Contains < 3% (w/w) DMSO-extract	
ACGIH Carcinogens		
Arsenic (CAS 7440-38-2)	A1 Confirmed human carcinogen.	
Cadmium (CAS 7440-43-9)	A2 Suspected human carcinogen.	
Ethyl acrylate (CAS 140-88-5)	A4 Not classifiable as a human carcinogen.	
Lead (CAS 7439-92-1)	A3 Confirmed animal carcinogen with unknown relevance to humans.	
Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based (CAS 72623-86-0)	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.

A4 Not classifiable as a human carcinogen.

Canada - Alberta OELs: Carcinogen category

Arsenic (CAS 7440-38-2)

Confirmed human carcinogen.

Cadmium (CAS 7440-43-9)

Suspected human carcinogen.

Canada - Manitoba OELs: carcinogenicity

Arsenic and inorganic compounds, as As (CAS 7440-38-2)

Confirmed human carcinogen.

CADMIUM AND COMPOUNDS, AS CD, RESPIRABLE FRACTION (CAS 7440-43-9)

Suspected human carcinogen.

ETHYL ACRYLATE (CAS 140-88-5)

Not classifiable as a human carcinogen.

LEAD AND INORGANIC COMPOUNDS, AS PB (CAS 7439-92-1)

Confirmed animal carcinogen with unknown relevance to humans.

MINERAL OIL, EXCLUDING METAL WORKING FLUIDS, POORLY AND MILDLY REFINED (CAS 64742-70-7)

Suspected human carcinogen.

MINERAL OIL, EXCLUDING METAL WORKING FLUIDS, POORLY AND MILDLY REFINED (CAS 72623-86-0)

Suspected human carcinogen.

MINERAL OIL, EXCLUDING METAL WORKING FLUIDS, PURE, HIGHLY AND SEVERELY REFINED,

Not classifiable as a human carcinogen.

INHALABLE FRACTION (CAS 64742-70-7)

MINERAL OIL, EXCLUDING METAL WORKING FLUIDS, PURE, HIGHLY AND SEVERELY REFINED, INHALABLE FRACTION (CAS 72623-86-0)

Not classifiable as a human carcinogen.

Canada - Quebec OELs: Carcinogen category

Cadmium (CAS 7440-43-9)

Suspected carcinogenic effect in humans.

Ethyl acrylate (CAS 140-88-5)

Detected carcinogenic effect in animals.

Lead (CAS 7439-92-1)

Detected carcinogenic effect in animals.

IARC Monographs. Overall Evaluation of Carcinogenicity

Arsenic (CAS 7440-38-2)

Volume 23, Supplement 7, Volume 100C 1 Carcinogenic to humans.

Cadmium (CAS 7440-43-9)

Volume 58, Volume 100C 1 Carcinogenic to humans.

Ethyl acrylate (CAS 140-88-5)

Volume 39, Supplement 7, Volume 71 - 2B Possibly carcinogenic to humans.

Lead (CAS 7439-92-1)

Volume 23, Supplement 7 - 2B Possibly carcinogenic to humans.

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

Arsenic (CAS 7440-38-2)

Cadmium (CAS 7440-43-9)

Ethyl acrylate (CAS 140-88-5)

Lead (CAS 7439-92-1)

US NTP Report on Carcinogens: Anticipated carcinogen

Lead (CAS 7439-92-1)

Reasonably Anticipated to be a Human Carcinogen.

US NTP Report on Carcinogens: Known carcinogen

Arsenic (CAS 7440-38-2)

Known To Be Human Carcinogen.

Cadmium (CAS 7440-43-9)

Known To Be Human Carcinogen.

Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based (CAS 72623-86-0)

Known To Be Human Carcinogen.

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

Known To Be Human Carcinogen.

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

Arsenic (CAS 7440-38-2)

Cancer

Cadmium (CAS 7440-43-9)

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

See below

Ecotoxicological data

Components	Species	Test Results
Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based (CAS 72623-86-0)		
Crustacea	EC50	Daphnia
		1000 mg/L, 48 Hours
Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts (CAS 68649-42-3)		
Crustacea	EC50	Daphnia
		1.25 mg/L, 48 Hours
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. Dispose of contents/container in accordance with local/regional/national/international regulations.
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		
Alkyl Phenol Ethoxylate (CAS 9016-45-9)		Listed.
Arsenic (CAS 7440-38-2)		Listed.
Cadmium (CAS 7440-43-9)		Listed.
Lead (CAS 7439-92-1)		Listed.
Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts (CAS 68649-42-3)		Listed.
Canada DSL Challenge Substances: Listed substance		
Ethyl acrylate (CAS 140-88-5)		Listed.
Canada Priority Substances List (Second List): Listed substance		
Alkyl Phenol Ethoxylate (CAS 9016-45-9)		Listed.
Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts (CAS 68649-42-3)		Listed.
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	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)		
Alkyl Phenol Ethoxylate (CAS 9016-45-9)		1.0 % One-Time Export Notification only.

TSCA Chemical Action Plans, Chemicals of Concern

Alkyl Phenol Ethoxylate (CAS 9016-45-9)

Nonylphenol (NP) and Nonylphenol Ethoxylates (NPEs) Action Plan

CERCLA Hazardous Substance List (40 CFR 302.4)

Alkyl Phenol Ethoxylate (CAS 9016-45-9)

Listed.

Arsenic (CAS 7440-38-2)

Listed.

Cadmium (CAS 7440-43-9)

Listed.

Ethyl acrylate (CAS 140-88-5)

Listed.

Lead (CAS 7439-92-1)

Listed.

Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts (CAS 68649-42-3)

Listed.

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

Arsenic (CAS 7440-38-2)

Cancer

Cadmium (CAS 7440-43-9)

Cancer

Lead (CAS 7439-92-1)

Reproductive toxicity

Arsenic (CAS 7440-38-2)

Liver

Cadmium (CAS 7440-43-9)

Lung

Lead (CAS 7439-92-1)

Central nervous system

Arsenic (CAS 7440-38-2)

Skin

Cadmium (CAS 7440-43-9)

Kidney

Lead (CAS 7439-92-1)

Kidney

Arsenic (CAS 7440-38-2)

Respiratory irritation

Cadmium (CAS 7440-43-9)

Acute toxicity

Lead (CAS 7439-92-1)

Blood

Arsenic (CAS 7440-38-2)

Nervous system

Lead (CAS 7439-92-1)

Acute toxicity

Arsenic (CAS 7440-38-2)

Acute toxicity

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)

Chemical name	CAS number	% by wt.
Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts	68649-42-3	1

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

Arsenic (CAS 7440-38-2)

Cadmium (CAS 7440-43-9)

Ethyl acrylate (CAS 140-88-5)

Lead (CAS 7439-92-1)

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**

Arsenic (CAS 7440-38-2)

Listed.

Cadmium (CAS 7440-43-9)

Listed.

Ethyl acrylate (CAS 140-88-5)

Listed.

Lead (CAS 7439-92-1)

Listed.

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

Listed.

Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts (CAS 68649-42-3)

Listed.

US - Illinois Chemical Safety Act: Listed substance

Alkyl Phenol Ethoxylate (CAS 9016-45-9)

Arsenic (CAS 7440-38-2)

Cadmium (CAS 7440-43-9)

Ethyl acrylate (CAS 140-88-5)

Lead (CAS 7439-92-1)

Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts (CAS 68649-42-3)

US - Louisiana Spill Reporting: Listed substance

Alkyl Phenol Ethoxylate (CAS 9016-45-9)	Listed.
Arsenic (CAS 7440-38-2)	Listed.
Cadmium (CAS 7440-43-9)	Listed.
Ethyl acrylate (CAS 140-88-5)	Listed.
Lead (CAS 7439-92-1)	Listed.
Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts (CAS 68649-42-3)	Listed.

US - Michigan Critical Materials Register: Parameter number

Arsenic (CAS 7440-38-2)	ARSENIC
Cadmium (CAS 7440-43-9)	CADMIUM
Lead (CAS 7439-92-1)	LEAD
Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts (CAS 68649-42-3)	ZINC

US - Minnesota Haz Subs: Listed substance

Arsenic (CAS 7440-38-2)	Listed.
Cadmium (CAS 7440-43-9)	Listed.
Ethyl acrylate (CAS 140-88-5)	Listed.
Lead (CAS 7439-92-1)	Listed.
Paraffin Oils (petroleum), Catalytic Dewaxed Heavy (CAS 64742-70-7)	Listed.

US - New Jersey RTK - Substances: Listed substance

Alkyl Phenol Ethoxylate (CAS 9016-45-9)	
Arsenic (CAS 7440-38-2)	
Cadmium (CAS 7440-43-9)	
Ethyl acrylate (CAS 140-88-5)	
Lead (CAS 7439-92-1)	
Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts (CAS 68649-42-3)	

US - North Carolina Toxic Air Pollutants: Listed substance

Arsenic (CAS 7440-38-2)
Cadmium (CAS 7440-43-9)

US - Pennsylvania RTK - Hazardous Substances: Special hazard

Arsenic (CAS 7440-38-2)
Cadmium (CAS 7440-43-9)
Ethyl acrylate (CAS 140-88-5)

US - Texas Effects Screening Levels: Listed substance

Alkyl Phenol Ethoxylate (CAS 9016-45-9)	Listed.
Arsenic (CAS 7440-38-2)	Listed.
Cadmium (CAS 7440-43-9)	Listed.
Ethyl acrylate (CAS 140-88-5)	Listed.
Lead (CAS 7439-92-1)	Listed.
Paraffin Oils (petroleum), Catalytic Dewaxed Heavy (CAS 64742-70-7)	Listed.
Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts (CAS 68649-42-3)	Listed.

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

Arsenic (CAS 7440-38-2)
Cadmium (CAS 7440-43-9)

US. Massachusetts RTK - Substance List

Arsenic (CAS 7440-38-2)
Cadmium (CAS 7440-43-9)
Ethyl acrylate (CAS 140-88-5)
Lead (CAS 7439-92-1)
Paraffin Oils (petroleum), Catalytic Dewaxed Heavy (CAS 64742-70-7)

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

Alkyl Phenol Ethoxylate (CAS 9016-45-9)
Arsenic (CAS 7440-38-2)
Cadmium (CAS 7440-43-9)
Ethyl acrylate (CAS 140-88-5)
Lead (CAS 7439-92-1)
Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts (CAS 68649-42-3)

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

Alkyl Phenol Ethoxylate (CAS 9016-45-9)
Arsenic (CAS 7440-38-2)
Cadmium (CAS 7440-43-9)
Ethyl acrylate (CAS 140-88-5)
Lead (CAS 7439-92-1)
Paraffin Oils (petroleum), Catalytic Dewaxed Heavy (CAS 64742-70-7)

US. Rhode Island RTK

Alkyl Phenol Ethoxylate (CAS 9016-45-9)
Arsenic (CAS 7440-38-2)
Cadmium (CAS 7440-43-9)
Ethyl acrylate (CAS 140-88-5)
Lead (CAS 7439-92-1)
Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts (CAS 68649-42-3)

US. California Proposition 65

California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

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

Arsenic (CAS 7440-38-2)	Listed: February 27, 1987
Cadmium (CAS 7440-43-9)	Listed: October 1, 1987
Ethyl acrylate (CAS 140-88-5)	Listed: July 1, 1989
Lead (CAS 7439-92-1)	Listed: October 1, 1992

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

Cadmium (CAS 7440-43-9)	Listed: May 1, 1997
Lead (CAS 7439-92-1)	Listed: February 27, 1987

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

Lead (CAS 7439-92-1)	Listed: February 27, 1987
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US - California Proposition 65 - CRT: Listed date/Male reproductive toxin

Cadmium (CAS 7440-43-9)	Listed: May 1, 1997
Lead (CAS 7439-92-1)	Listed: February 27, 1987

Inventory status

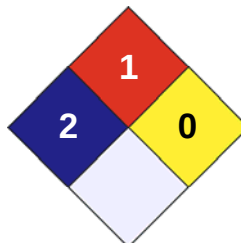
Country(s) or region	Inventory name	On inventory (yes/no)*
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

*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	/ 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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Other information

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