



**Safety Data Sheet  
Semi-synthetic Metalworking Fluid**

**Revision  
Date: 08/28/2025**

## Section 1. Identification

**Product identifier**

**Product Identity** Semi-synthetic Metalworking Fluid

**Other means of identification** CHEMKOOL 4002CFC

**Relevant identified uses of the substance or mixture and uses advised against**

See Technical Data Sheet.

**Details of the supplier of the safety data sheet**

**Company Name** Chem-Ecol Ltd.

640 Victoria St.

Cobourg, Ontario K9A 5H5

**Emergency**

**24 hour Emergency Telephone No.** 1-800-263-3939

**Customer Service: Chem-Ecol Ltd.** 905-372-2251

**Email Address** SDS@e360s.ca

## Section 2. Hazard(s) identification

This SDS is aligned with the Workplace Hazardous Materials Information System (WHMIS) and with the Globally Harmonized System of Classification and Labelling of Chemicals (GHS).

**Classification of the substance or mixture**

**Skin sensitizer category 1;H317** May cause an allergic skin reaction.

**Reproductive toxicity, category 1B;H360FD** May damage fertility. May damage the unborn child.

**Specific target organ toxicity, repeated exposure category 1;H372** Causes damage to organs through prolonged or repeated exposure.

**Aquatic toxicity (acute), category 3;H402** Harmful to aquatic life.

**Aquatic toxicity (chronic), category 3;H412** Harmful to aquatic life with long lasting effects.

**Label elements**



## Danger

H317 May cause an allergic skin reaction.

H360FD\* May damage fertility. May damage the unborn child.

H372 Causes damage to organs through prolonged or repeated exposure.

H412 Harmful to aquatic life with long lasting effects.

### [Prevention]

P201 Obtain special instructions before use.

P202 Do not handle until all safety precautions have been read and understood.

P260 Do not breathe dust, fume, mist, vapours or spray.

P264 Wash thoroughly after handling.

P270 Do not eat, drink or smoke when using this product.

P272 Contaminated work clothing should not be allowed out of the workplace.

P273 Avoid release to the environment.

P280 Wear protective gloves, eye protection, and face protection.

### [Response]

P302+352 IF ON SKIN: Wash with plenty of soap and water.

P304+312 IF INHALED: Call a poison center or doctor or physician if you feel unwell.

P308+313 IF exposed or concerned: Get medical advice or attention.

P314 Get Medical advice or attention if you feel unwell.

P333+313 If skin irritation or a rash occurs: Get medical advice or attention.

P362+364 Take off contaminated clothing and wash it before reuse.

### [Storage]

P405 Store locked up.

### [Disposal]

P501 Dispose of contents or container in accordance with local and national regulations.

### Other hazards

This product contains no PBT/vPvB/vPvM chemicals.

127087-87-0	Nonylphenol polyethylene glycol ether	Endocrine disruptor
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Does not contain component(s) that meet a 'definition' of per & poly fluoroalkyl substance (PFAS) per the Organisation for Economic Co-operation and Development (OECD) list of Per- and Polyfluoroalkyl Substances (PFASs).

## Section 3. Composition/information on ingredients

This product contains the following substances that present a hazard within the meaning of the Hazardous Products Regulations.

Ingredient/Chemical Designations	Weight %	GHS Classification	Notes
<b>Diethanolamine</b> CAS Number: 111-42-2 Synonyms: No available information	3 - 7	Acute toxicity(oral), category 4;H302 Specific target organ toxicity, repeated exposure category 2;H373 Skin corrosion/irritation category 2;H315 Serious eye damage / eye irritation, category 1;H318	---
<b>Rapeseed oil</b> CAS Number: 8002-13-9 Synonyms: No available information	3 - 7	Not Classified	---
<b>Diethylene glycol monobutyl ether</b> CAS Number: 112-34-5 Synonyms: No available information	1 - 5	Serious eye damage / eye irritation, category 2;H319 Combustible Liquid;H227 Acute toxicity(dermal), category 5;H313 Specific target organ toxicity, Single exposure category 3;H335 Specific target organ toxicity, Single exposure category 3;H336	---
<b>Nonylphenol polyethylene glycol ether</b> CAS Number: 127087-87-0 Synonyms: Poly(oxy-1,2-ethanediyl), .alpha.-(4-nonylphenyl)-.omega.-hydroxy-,branched	1 - 5	Skin corrosion/irritation category 2;H315 Serious eye damage / eye irritation, category 2;H319 Aquatic toxicity (chronic), category 2;H411	---
<b>1,3,5-Tris(2-hydroxyethyl)hexahydro-1,3,5-triazine</b> CAS Number: 4719-04-4 Synonyms: Hexahydro-1,3,5-tris(2-hydroxyethyl)-S-triazine, Hexahydro-1,3,5-tris(hydroxyethyl)triazine	1 - 5	Acute toxicity(oral), category 4;H302 Skin sensitizer category 1;H317 C ≥ 0.1 % Acute toxicity(inhalation), category 2;H330 Eye Dam. 2;H319  Specific target organ toxicity, repeated exposure category 1;H372	---
<b>Boric Acid</b> CAS Number: 10043-35-3 Synonyms: No available information	1 - 5	Reproductive toxicity, category 1B;H360FD	---
<b>Rape oil, polymd., oxidized</b> CAS Number: 68554-11-0 Synonyms: Rape oil, polymerized, oxidized	1 - 5		---
<b>Tall oil rosin</b> CAS Number: 8052-10-6 Synonyms: Tall-oil rosin	0.5 - 1.5	Skin sensitizer category 1;H317	---
<b>3-Iodo-2-propynyl butylcarbamate</b> CAS Number: 55406-53-6 Synonyms: 3-Iodo-2-propynyl-butyl carbamate, 3-iodo-2-propynyl butylcarbamate, IODO-2-PROPYNYL BUTYLCARBAMATE	0.1 - 1	Acute toxicity(inhalation), category 3;H331 Acute toxicity(oral), category 4;H302 Specific target organ toxicity, repeated exposure category 1;H372 Serious eye damage / eye irritation, category 1;H318 Skin sensitizer category 1;H317 Aquatic toxicity (acute), category 1;H400 Aquatic toxicity (chronic), category 1;H410	Acute M-Factor: 10 ---

The actual concentration or concentration range is withheld as a trade secret.

\*PBT/vPvB - PBT, vPvM or vPvB-substance.

The full texts of the phrases are shown in Section 16.

## Section 4. First aid measures

### Description of first aid measures

#### General

In all cases of doubt, or when symptoms persist, seek medical attention.  
Never give anything by mouth to an unconscious person.

<b>Inhalation</b>	Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, give artificial respiration. If unconscious, place in the recovery position and obtain immediate medical attention. Give nothing by mouth.
<b>Eyes</b>	Irrigate copiously with clean water for at least 15 minutes, holding the eyelids apart and seek medical attention.
<b>Skin</b>	Remove contaminated clothing. Wash skin thoroughly with soap and water or use a recognized skin cleanser.
<b>Ingestion</b>	If swallowed obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.
<b>Most important symptoms and effects, both acute and delayed</b>	
<b>Overview</b>	No specific symptom data available. Reproductive or genetic defect hazard. Treat symptomatically. See section 2 for further details.
<b>Skin</b>	May cause an allergic skin reaction. Causes mild skin irritation.

## Section 5. Fire-fighting measures

### Extinguishing media

Recommended extinguishing media; alcohol resistant foam, CO<sub>2</sub>, powder, water spray.

Unsuitable extinguishing media: Do not use; water jet.

### Special hazards arising from the substance or mixture

Hazardous decomposition: Oxides of carbon, nitrogen, sulfur

Do not breathe dust, fume, mist, vapours or spray.

### Advice for fire-fighters

As with all fires, wear positive pressure, self-contained breathing apparatus, (SCBA) with a full face piece and protective clothing. Persons without respiratory protection should leave area. Wear SCBA during clean-up immediately after fire. No smoking.

## Section 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

Put on appropriate personal protective equipment (see section 8).

Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

### Environmental precautions

Do not allow spills to enter drains or waterways.

### Methods and material for containment and cleaning up

Ventilate the area and avoid breathing vapours. Take the personal protective measures listed in section 8. Contain and absorb spillage with non-combustible materials e.g. sand, earth, and vermiculite. Place in closed containers outside buildings and dispose of according to the Waste Regulations.

## Section 7. Handling and storage

### Precautions for safe handling

Handle containers carefully to prevent damage and spillage.

See section 2 for further details. - [Prevention]

### Conditions for safe storage, including any incompatibilities

Keep from freezing

Incompatible materials: No available information

See section 2 for further details. - [Storage]

### Specific end use(s)

No available information

## Section 8. Exposure controls / personal protection

### Control parameters

#### Exposure Limits

CAS No.	Ingredient	Source	Value
111-42-2	Diethanolamine	ACGIH	1 mg/m <sup>3</sup> (IFV) Inhalable Fraction and vapour
		Alberta	2 mg/m <sup>3</sup> TWA
		British Columbia	2 mg/m <sup>3</sup> TWA
		Manitoba	1 mg/m <sup>3</sup> TWA (inhalable fraction and vapour)
		New Brunswick	0.46 ppm TWA; 2 mg/m <sup>3</sup> TWA
		Newfoundland and Labrador	1 mg/m <sup>3</sup> TWA (inhalable fraction and vapour)
		Nova Scotia	1 mg/m <sup>3</sup> TWA (inhalable fraction and vapour)
		Northwest Territories	2 mg/m <sup>3</sup> TWA 4 mg/m <sup>3</sup> STEL
		Nunavut	2 mg/m <sup>3</sup> TWA 4 mg/m <sup>3</sup> STEL
		Ontario	1 mg/m <sup>3</sup> TWA (inhalable fraction and vapour)
		Prince Edward Island	1 mg/m <sup>3</sup> TWA (inhalable fraction and vapour)
		Quebec	3 ppm TWAEV; 13 mg/m <sup>3</sup> TWAEV
112-34-5	Diethylene glycol monobutyl ether	ACGIH	10 ppm (IFV) Inhalable Fraction and vapour
		Alberta	No Established Limit
		British Columbia	No Established Limit
		Manitoba	10 ppm TWA (inhalable fraction and vapour)
		New Brunswick	No Established Limit
		Newfoundland and Labrador	10 ppm TWA (inhalable fraction and vapour)
		Nova Scotia	10 ppm TWA (inhalable fraction and vapour)
		Northwest Territories	No Established Limit
		Nunavut	No Established Limit
		Ontario	10 ppm TWA (inhalable fraction and vapour)
		Prince Edward Island	10 ppm TWA (inhalable fraction and vapour)
		Quebec	No Established Limit

		Saskatchewan	No Established Limit
		Yukon	No Established Limit
4719-04-4	1,3,5-Tris(2-hydroxyethyl)hexahydro-1,3,5-triazine	ACGIH	No Established Limit
		Alberta	No Established Limit
		British Columbia	No Established Limit
		Manitoba	No Established Limit
		New Brunswick	No Established Limit
		Newfoundland and Labrador	No Established Limit
		Nova Scotia	No Established Limit
		Northwest Territories	No Established Limit
		Nunavut	No Established Limit
		Ontario	No Established Limit
		Prince Edward Island	No Established Limit
		Quebec	No Established Limit
		Saskatchewan	No Established Limit
		Yukon	No Established Limit
8002-13-9	Rapeseed oil	ACGIH	No Established Limit
		Alberta	No Established Limit
		British Columbia	No Established Limit
		Manitoba	No Established Limit
		New Brunswick	No Established Limit
		Newfoundland and Labrador	No Established Limit
		Nova Scotia	No Established Limit
		Northwest Territories	No Established Limit
		Nunavut	No Established Limit
		Ontario	No Established Limit
		Prince Edward Island	No Established Limit
		Quebec	No Established Limit
		Saskatchewan	No Established Limit
		Yukon	No Established Limit
8052-10-6	Tall oil rosin	ACGIH	No Established Limit
		Alberta	No Established Limit
		British Columbia	No Established Limit
		Manitoba	No Established Limit
		New Brunswick	No Established Limit
		Newfoundland and Labrador	No Established Limit
		Nova Scotia	No Established Limit
		Northwest Territories	No Established Limit
		Nunavut	No Established Limit
		Ontario	No Established Limit
		Prince Edward Island	No Established Limit
		Quebec	No Established Limit
		Saskatchewan	No Established Limit
		Yukon	No Established Limit

10043-35-3	Boric Acid	ACGIH	2 mg/m <sup>3</sup> (I) Inhalable 6 mg/m <sup>3</sup> (I) Inhalable
		Alberta	No Established Limit
		British Columbia	2 mg/m <sup>3</sup> TWA (inhalable, listed under Borate compounds, inorganic) 6 mg/m <sup>3</sup> STEL (inhalable, listed under Borate compounds, inorganic)
		Manitoba	2 mg/m <sup>3</sup> TWA (inhalable particulate matter, listed under Borate compounds, inorganic) 6 mg/m <sup>3</sup> STEL (inhalable particulate matter, listed under Borate compounds, inorganic)
		New Brunswick	No Established Limit
		Newfoundland and Labrador	2 mg/m <sup>3</sup> TWA (inhalable particulate matter, listed under Borate compounds, inorganic) 6 mg/m <sup>3</sup> STEL (inhalable particulate matter, listed under Borate compounds, inorganic)
		Nova Scotia	2 mg/m <sup>3</sup> TWA (inhalable particulate matter, listed under Borate compounds, inorganic) 6 mg/m <sup>3</sup> STEL (inhalable particulate matter, listed under Borate compounds, inorganic)
		Northwest Territories	2 mg/m <sup>3</sup> TWA (inhalable fraction, listed under Borate compounds, inorganic) 6 mg/m <sup>3</sup> STEL (inhalable fraction, listed under Borate compounds, inorganic)
		Nunavut	2 mg/m <sup>3</sup> TWA (inhalable fraction, listed under Borate compounds, inorganic) 6 mg/m <sup>3</sup> STEL (inhalable fraction, listed under Borate compounds, inorganic)
		Ontario	2 mg/m <sup>3</sup> TWA (inhalable, listed under Borate compounds, inorganic) 6 mg/m <sup>3</sup> STEL (inhalable, listed under Borate compounds, inorganic)
		Prince Edward Island	2 mg/m <sup>3</sup> TWA (inhalable particulate matter, listed under Borate compounds, inorganic) 6 mg/m <sup>3</sup> STEL (inhalable particulate matter, listed under Borate compounds, inorganic)
		Quebec	No Established Limit
		Saskatchewan	2 mg/m <sup>3</sup> TWA (inhalable fraction, listed under Borate compounds, inorganic) 6 mg/m <sup>3</sup> STEL (inhalable fraction, listed under Borate compounds, inorganic)
		Yukon	No Established Limit
55406-53-6	3-Iodo-2-propynyl butylcarbamate	ACGIH	No Established Limit
		Alberta	No Established Limit
		British Columbia	No Established Limit
		Manitoba	No Established Limit
		New Brunswick	No Established Limit
		Newfoundland and Labrador	No Established Limit
		Nova Scotia	No Established Limit
		Northwest Territories	No Established Limit
		Nunavut	No Established Limit
		Ontario	No Established Limit
		Prince Edward Island	No Established Limit
		Quebec	No Established Limit
		Saskatchewan	No Established Limit
		Yukon	No Established Limit
68554-11-0	Rape oil, polymd., oxidized	ACGIH	No Established Limit
		Alberta	No Established Limit
		British Columbia	No Established Limit
		Manitoba	No Established Limit
		New Brunswick	No Established Limit
		Newfoundland and Labrador	No Established Limit
		Nova Scotia	No Established Limit

		Northwest Territories	No Established Limit
		Nunavut	No Established Limit
		Ontario	No Established Limit
		Prince Edward Island	No Established Limit
		Quebec	No Established Limit
		Saskatchewan	No Established Limit
		Yukon	No Established Limit
127087-87-0	Nonylphenol polyethylene glycol ether	ACGIH	No Established Limit
		Alberta	No Established Limit
		British Columbia	No Established Limit
		Manitoba	No Established Limit
		New Brunswick	No Established Limit
		Newfoundland and Labrador	No Established Limit
		Nova Scotia	No Established Limit
		Northwest Territories	No Established Limit
		Nunavut	No Established Limit
		Ontario	No Established Limit
		Prince Edward Island	No Established Limit
		Quebec	No Established Limit
		Saskatchewan	No Established Limit
		Yukon	No Established Limit

Contains mineral oil. The exposure limits for oil mist are 5 mg/m<sup>3</sup> OSHA PEL and 5 mg/m<sup>3</sup> ACGIH.

#### Exposure controls

**Respiratory** If workers are exposed to concentrations above the exposure limit they must use the appropriate, certified respirators.

**Eyes** Protective safety glasses recommended

**Skin** Avoid skin contact. Protective gloves recommended.

**Engineering Controls** Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and any vapour below occupational exposure limits suitable respiratory protection must be worn.

**Other Work Practices** Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

See section 2 for further details.

## Section 9. Physical and chemical properties

#### Information on basic physical and chemical properties

**Physical State** Liquid

**Color** Golden Brown

**Odour** Mild

**Odour threshold** No available information

<b>Melting point / freezing point</b>	N/A
<b>Initial boiling point and boiling range</b>	>100 °C
<b>Flammability (solid, gas)</b>	Not Applicable
<b>Upper/lower flammability or explosive limits</b>	<b>Lower Explosive Limit:</b> No available information <b>Upper Explosive Limit:</b> No available information °F °C, Test method: (Open/Close cup) - N/A
<b>Flash Point</b>	No available information
<b>Auto-ignition temperature</b>	No available information
<b>Decomposition temperature</b>	No available information
<b>pH</b>	No available information
<b>Viscosity (cSt)</b>	No available information
<b>Solubility in Water</b>	N/A
<b>Partition coefficient n-octanol/water (Log Kow)</b>	No available information
<b>Vapour pressure (Pa)</b>	No available information
<b>Relative Density</b>	1.0
<b>Vapour Density</b>	No available information
<b>Evaporation rate (Ether = 1)</b>	< 1
<b>Oxidising properties</b>	No available information
<b>Explosive properties</b>	No available information
<b>Other information</b>	DMSO extract by IP346: Less than 3.0 wt % (mineral oil component only)

## Section 10. Stability and reactivity

### Reactivity

Strong acids will cause exothermic reaction when added to product. Strong oxidizing agents

### Chemical stability

Stable under normal circumstances.

### Possibility of hazardous reactions

No available information

### Conditions to avoid

Avoid high temperatures and contact with incompatible material

### Incompatible materials

No available information

### Hazardous decomposition products

Oxides of carbon, nitrogen, sulfur

## Section 11. Toxicological information

### Acute toxicity

Note: When no route specific LD50 data is available for an acute toxin, the converted acute toxicity point estimate was used in the calculation of the product's ATE (Acute Toxicity Estimate).

Ingredient	Oral LD50, mg/kg	Skin LD50, mg/kg	Inhalation vapour LC50, mg/L/4hr	Inhalation Dust/Mist LC50, mg/L/4hr	Inhalation Gas LC50, ppm
Diethanolamine - (111-42-2)	ca. 1,100.00, Rat - Category: NA	No data available.	No data available.	No data available.	No data available.
Rapeseed oil - (8002-13-9)	No data available.	No data available.	No data available.	No data available.	No data available.
Diethylene glycol monobutyl ether - (112-34-5)	5,530.00, Mouse - Category: NA	No data available.	No data available.	No data available.	No data available.
Nonylphenol polyethylene glycol ether - (127087-87-0)	No data available.	No data available.	No data available.	No data available.	No data available.
1,3,5-Tris(2-hydroxyethyl)hexahydro-1,3,5-triazine - (4719-04-4)	1,000.00, Rat - Category: 4	3,501.00, Rabbit - Category: 5	No data available.	0.37, Rat - Category: 2	No data available.
Boric Acid - (10043-35-3)	3,450.00, Rat - Category: 5	> >2,000.00, Rabbit - Category: NA	No data available.	> 2.03, Rat - Category: NA	No data available.
Rape oil, polymd., oxidized - (68554-11-0)	No data available.	No data available.	No data available.	No data available.	No data available.
Tall oil rosin - (8052-10-6)	No data available.	No data available.	No data available.	No data available.	No data available.
3-Iodo-2-propynyl butylcarbamate - (55406-53-6)	1,795.00, Rat - Category: 4	No data available.	No data available.	No data available.	No data available.

## Carcinogen Data

CAS No.	Ingredient	Source	Value
111-42-2	Diethanolamine	IARC	Group 1: No; Group 2a: No; Group 2b: Yes; Group 3: No; Group 4: No;
		ACGIH	A3
112-34-5	Diethylene glycol monobutyl ether	IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
		ACGIH	No Established Limit
4719-04-4	1,3,5-Tris(2-hydroxyethyl)hexahydro-1,3,5-triazine	IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
		ACGIH	No Established Limit
8002-13-9	Rapeseed oil	IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
		ACGIH	No Established Limit
8052-10-6	Tall oil rosin	IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
		ACGIH	No Established Limit
10043-35-3	Boric Acid	IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
		ACGIH	A4
55406-53-6	3-Iodo-2-propynyl butylcarbamate	IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
		ACGIH	No Established Limit
68554-11-0	Rape oil, polymd., oxidized	IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
		ACGIH	No Established Limit
127087-87-0	Nonylphenol polyethylene glycol ether	IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
		ACGIH	No Established Limit

Classification	Category	Hazard Description
Acute toxicity (oral)	---	Not Applicable
Acute toxicity (dermal)	---	Not Applicable
Acute toxicity (inhalation)	---	Not Applicable
Skin corrosion/irritation	---	Not Applicable
Serious eye damage/irritation	---	Not Applicable
Respiratory sensitization	---	Not Applicable

Skin sensitization	1	May cause an allergic skin reaction.
Germ cell mutagenicity	---	Not Applicable
Carcinogenicity	---	Not Applicable
Reproductive toxicity	1B	May damage fertility. May damage the unborn child.
STOT-single exposure	---	Not Applicable
STOT-repeated exposure	1	Causes damage to organs through prolonged or repeated exposure.
Aspiration hazard	---	Not Applicable

**Possible routes of entry:** No available information

**Symptoms and effects, both acute and delayed:**

No specific symptom data available.

Reproductive or genetic defect hazard. Treat symptomatically.

**Skin** May cause an allergic skin reaction. Causes mild skin irritation.

## Section 12. Ecological information

### Toxicity

Harmful to aquatic life with long lasting effects.

### Aquatic Ecotoxicity

Ingredient	96 hr LC50 fish, mg/L	48 hr EC50 crustacea, mg/L	ErC50 algae, mg/L
Diethanolamine - (111-42-2)	460.00, <i>Salmo gairdneri</i>	30.10, <i>Ceriodaphnia dubia</i>	2.70, <i>Raphidocelis subcapitata</i>
Rapeseed oil - (8002-13-9)	No data available.	No data available.	No data available.
Diethylene glycol monobutyl ether - (112-34-5)	1,300.00, <i>Lepomis macrochirus</i>	101.00, <i>Daphnia magna</i>	101.00, <i>Desmodesmus subspicatus</i>
Nonylphenol polyethylene glycol ether - (127087-87-0)	No data available.	No data available.	No data available.
1,3,5-Tris(2-hydroxyethyl)hexahydro-1,3,5-triazine - (4719-04-4)	No data available.	No data available.	No data available.
Boric Acid - (10043-35-3)	79.70, <i>Pimephales promelas</i>	91.00, <i>Ceriodaphnia dubia</i>	66.00, <i>Phaeodactylum tricornutum</i>
Rape oil, polymd., oxidized - (68554-11-0)	No data available.	No data available.	No data available.
Tall oil rosin - (8052-10-6)	No data available.	No data available.	No data available.
3-Iodo-2-propynyl butylcarbamate - (55406-53-6)	0.07, <i>Oncorhynchus mykiss</i>	0.16, <i>Daphnia magna</i>	0.10, <i>Pseudokirchneriella subcapitata</i>

### Persistence and degradability

There is no data available on the preparation itself.

### Bioaccumulative potential

No available information

### Mobility in soil

No available information

### Results of PBT and vPvB assessment

This product contains no PBT/vPvB/vPvM chemicals.

**Other adverse effects**

No available information

**Section 13. Disposal considerations****Waste treatment methods**

Observe all federal, provincial and local regulations when disposing of this substance.

**Section 14. Transport information**

Classification Method: Classified as per Part 2, Sections 2.1-2.8 of the Transportation of Dangerous Goods Regulations.

	<b>TDG (Domestic Surface Transportation)</b>	<b>IMO / IMDG (Ocean Transportation)</b>	<b>ICAO/IATA</b>
<b>UN number</b>	Not Regulated	Not Regulated	Not Regulated
<b>UN proper shipping name</b>	Not Regulated	Not Regulated	Not Regulated
<b>Transport hazard class(es)</b>	<b>Class:</b> Not Applicable <b>Sub Class:</b> Not Applicable	<b>Class:</b> Not Applicable <b>Sub Class:</b> Not Applicable	<b>Class:</b> Not Applicable <b>Sub Class:</b> Not Applicable
<b>Packing group</b>	Not Applicable	Not Applicable	Not Applicable

**Environmental hazards**

IMDG Marine Pollutant: No;

**Special precautions for user**

No available information

**Section 15. Regulatory information**

This product has been classified in accordance with the hazard criteria Hazardous Products Regulations (SOR/2015-17 amended 2022-12-15) and the SDS contains all of the information required by those regulations.

**Canadian Domestic Substance List (DSL):**

1,3,5-Tris(2-hydroxyethyl)hexahydro-1,3,5-triazine

3-Iodo-2-propynyl butylcarbamate

Boric Acid

Butylated hydroxytoluene (BHT)

Diethanolamine

Diethylene glycol monobutyl ether

Ethanolamine

Methanol

Nonylphenol polyethylene glycol ether

pentasodium triphosphate  
Poly(oxy-1,2-ethanediyl), $\alpha$ -hydro- $\omega$ -hydroxy- Ethane-1,2-diol, ethoxylated  
Polyoxyethylene dinonylphenol  
Potassium hydroxide.  
Rape oil, polymd., oxidized  
Rapeseed oil  
Residual oils (petroleum), solvent dewaxed  
Sodium methanolate  
Tall oil rosin  
Water

**Canadian Non-Domestic Substance List (NDSL):**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

## Section 16. Other information

**Revision Date** 08/28/2025

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to our products. Customers/users of this product must comply with all applicable health and safety laws, regulations, and orders.

The full text of the phrases appearing in section 3 is:

H227 Combustible liquid.

H302 Harmful if swallowed.

H313 May be harmful in contact with skin.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H330 Fatal if inhaled.

H331 Toxic if inhaled.

H335 May cause respiratory irritation.

H336 May cause drowsiness and dizziness.

H360 May damage fertility or the unborn child.

H372 Causes damage to organs through prolonged or repeated exposure.

H373 May cause damage to organs through prolonged or repeated exposure.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

H411 Toxic to aquatic life with long lasting effects.

Disclaimer:

The information contained in this document applies to this specific material as supplied. It may not be valid for this material if it is used in combination with any other materials. It is the user's responsibility to satisfy oneself as to the suitability and completeness of this information for their own particular use.

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