



# SAFETY DATA SHEET

## 1. Product and Company Identification

<b>Product identifier</b>	Cutek Proclean
<b>Other means of identification</b>	Not available
<b>Recommended use</b>	Wood Cleaner
<b>Recommended restrictions</b>	None known.
<b>Manufacturer information</b>	Deck Source Inc. 647 Welham Road, Unit 11 Barrie, ON L4N 0B7 CA Phone: 1-844-442-8835 Emergency Phone: 613-996-6666 (CANUTEC)
<b>Supplier</b>	See above.

## 2. Hazards Identification

<b>Physical hazards</b>	Corrosive to metals	Category 1
<b>Health hazards</b>	Skin corrosion/irritation	Category 1
	Serious eye damage/eye irritation	Category 1
<b>Environmental hazards</b>	Not classified.	
<b>WHMIS 2015 defined hazards</b>	Not classified	
<b>Label elements</b>		



**Signal word** Danger

**Hazard statement** May be corrosive to metals. Causes severe skin burns and eye damage.

**Precautionary statement**

**Prevention**

Wear protective gloves, protective clothing, eye protection and face protection. Keep only in original packaging. Do not breathe mist or vapor. Wash thoroughly after handling.

**Response**

Absorb spillage to prevent material-damage. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water. Wash contaminated clothing before reuse. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER or doctor. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Specific treatment (see information on this label).

**Storage**

Store in a corrosion resistant container with a resistant inner liner. Store locked up.

**Disposal**

Dispose of container in accordance with local, regional, national and international regulations.

**WHMIS 2015: Health Hazard(s)** None known

**not otherwise classified (HHNOC)**

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

**Hazard(s) not otherwise classified (HNOC)**

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

**Supplemental information** None.

## 3. Composition/Information on Ingredients

**Mixture**

<b>Chemical name</b>	<b>Common name and synonyms</b>	<b>CAS number</b>	<b>%</b>
Diethylene glycol monobutyl ether		112-34-5	1 - 5*
Ethanol, 2-butoxy-		111-76-2	1 - 5*
Oxalic acid		144-62-7	7 - 13*
Sodium dodecylbenzenesulfonate		68081-81-2	0.5 - 1.5*

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.

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#### 4. First Aid Measures

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<b>Inhalation</b>	IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER or doctor.
<b>Skin contact</b>	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water. Immediately call a POISON CENTER or doctor.
<b>Eye contact</b>	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor.
<b>Ingestion</b>	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor.
<b>Most important symptoms/effects, acute and delayed</b>	Burning pain and severe corrosive skin damage. Causes serious eye damage. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result. Inhalation of vapour can cause respiratory tract irritation or chemical burns. Harmful if swallowed. Causes chemical burns to mouth, throat and stomach.
<b>Indication of immediate medical attention and special treatment needed</b>	Provide general supportive measures and treat symptomatically. Symptoms may be delayed.
<b>General information</b>	If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. Do not get in eyes, on skin or clothing. Avoid contact with eyes and skin. Keep out of reach of children.

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#### 5. Fire Fighting Measures

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

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#### 6. Accidental Release Measures

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<b>Personal precautions, protective equipment and emergency procedures</b>	Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Do not breathe mist or vapor. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.
<b>Methods and materials for containment and cleaning up</b>	Use water spray to reduce vapors or divert vapor cloud drift. Should not be released into the environment.  Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Absorb spillage to prevent material damage. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Following product recovery, flush area with water.  Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.
<b>Environmental precautions</b>	Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS. Prevent further leakage or spillage if safe to do so. Do not contaminate water. Avoid discharge into drains, water courses or onto the ground. Do not discharge into lakes, streams, ponds or public waters.

## 7. Handling and Storage

<b>Precautions for safe handling</b>	DANGER -- CORROSIVE Do not breathe mist or vapor. Do not get in eyes, on skin, or on clothing. Provide adequate ventilation. Avoid prolonged exposure. Wear appropriate personal protective equipment. Wash thoroughly after handling. Use with adequate ventilation. Use good industrial hygiene practices in handling this material. When using do not eat or drink.
<b>Conditions for safe storage, including any incompatibilities</b>	Store locked up. Store in a cool, dry place out of direct sunlight. Store in a corrosion resistant container with a resistant inner liner. Keep out of the reach of children. 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
Ethanol, 2-butoxy- (CAS 111-76-2)	TWA	97 mg/m3
		20 ppm
Oxalic acid (CAS 144-62-7)	STEL	2 mg/m3
	TWA	1 mg/m3

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

Components	Type	Value
Ethanol, 2-butoxy- (CAS 111-76-2)	TWA	20 ppm
Oxalic acid (CAS 144-62-7)	STEL	2 mg/m3
	TWA	1 mg/m3

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

Components	Type	Value	Form
Diethylene glycol monobutyl ether (CAS 112-34-5)	TWA	10 ppm	Inhalable fraction and vapor.
Ethanol, 2-butoxy- (CAS 111-76-2)	TWA	20 ppm	
Oxalic acid (CAS 144-62-7)	STEL	2 mg/m3	
	TWA	1 mg/m3	

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

Components	Type	Value	Form
Diethylene glycol monobutyl ether (CAS 112-34-5)	TWA	10 ppm	Inhalable fraction and vapor.
Ethanol, 2-butoxy- (CAS 111-76-2)	TWA	20 ppm	
Oxalic acid (CAS 144-62-7)	STEL	2 mg/m3	
	TWA	1 mg/m3	

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

Components	Type	Value
Ethanol, 2-butoxy- (CAS 111-76-2)	TWA	97 mg/m3
		20 ppm
Oxalic acid (CAS 144-62-7)	STEL	2 mg/m3
	TWA	1 mg/m3

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

Components	Type	Value
Ethanol, 2-butoxy- (CAS 111-76-2)	PEL	240 mg/m3
		50 ppm
Oxalic acid (CAS 144-62-7)	PEL	1 mg/m3

**US. ACGIH Threshold Limit Values**

Components	Type	Value	Form
Diethylene glycol monobutyl ether (CAS 112-34-5)	TWA	10 ppm	Inhalable fraction and vapor.
Ethanol, 2-butoxy- (CAS 111-76-2)	TWA	20 ppm	
Oxalic acid (CAS 144-62-7)	STEL	2 mg/m3	
	TWA	1 mg/m3	

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

Components	Type	Value
Ethanol, 2-butoxy- (CAS 111-76-2)	TWA	24 mg/m3
		5 ppm
Oxalic acid (CAS 144-62-7)	STEL	2 mg/m3
	TWA	1 mg/m3

**Biological limit values****ACGIH Biological Exposure Indices**

Components	Value	Determinant	Specimen	Sampling Time
Ethanol, 2-butoxy- (CAS 111-76-2)	200 mg/g	Butoxyacetic acid (BAA), with hydrolysis	Creatinine in urine	*

\* - For sampling details, please see the source document.

**Exposure guidelines** See above

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

Ethanol, 2-butoxy- (CAS 111-76-2) Can be absorbed through the skin.

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

Ethanol, 2-butoxy- (CAS 111-76-2) 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** Wear safety glasses with side shields (or goggles) and a face shield.

**Skin protection**

**Hand protection** Impervious gloves. Confirm with reputable supplier first.

**Other** Wear appropriate chemical resistant clothing. As required by employer code.

**Respiratory protection** Where exposure guideline levels may be exceeded, use an approved NIOSH respirator. Respirator should be selected by and used under the direction of a trained health and safety professional following requirements found in OSHA's respirator standard (29 CFR 1910.134), CAN/CSA-Z94.4 and ANSI's standard for respiratory protection (Z88.2).

**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. Follow good hygienic and housekeeping practices. When using do not eat or drink.

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## 9. Physical and Chemical Properties

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<b>Appearance</b>	Opaque
<b>Physical state</b>	Liquid.
<b>Form</b>	Liquid.
<b>Color</b>	Semitransparent White
<b>Odor</b>	Neutral
<b>Odor threshold</b>	Not available.
<b>pH</b>	0.4
<b>Melting point/freezing point</b>	Not available.
<b>Initial boiling point and boiling range</b>	Not available.
<b>Pour point</b>	Not available.

<b>Specific gravity</b>	Not available.
<b>Partition coefficient (n-octanol/water)</b>	Not available.
<b>Flash point</b>	Not available.
<b>Evaporation rate</b>	Not available.
<b>Flammability (solid, gas)</b>	Not applicable.
<b>Upper/lower flammability or explosive limits</b>	
<b>Flammability limit - lower (%)</b>	Not available.
<b>Flammability limit - upper (%)</b>	Not available.
<b>Explosive limit - lower (%)</b>	Not available.
<b>Explosive limit - upper (%)</b>	Not available.
<b>Vapor pressure</b>	Not available.
<b>Vapor density</b>	Not available.
<b>Relative density</b>	Not available.
<b>Solubility(ies)</b>	Not available.
<b>Auto-ignition temperature</b>	Not available.
<b>Decomposition temperature</b>	Not available.
<b>Viscosity</b>	Not available.
<b>Other information</b>	
<b>Explosive properties</b>	Not explosive.
<b>Oxidizing properties</b>	Not oxidizing.

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## 10. Stability and Reactivity

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<b>Reactivity</b>	This product may react with strong oxidizing agents. May be corrosive to metals. This product may react with reducing agents. Reacts violently with strong alkaline substances.
<b>Possibility of hazardous reactions</b>	No dangerous reaction known under conditions of normal use.
<b>Chemical stability</b>	Material is stable under normal conditions.
<b>Conditions to avoid</b>	Do not mix with other chemicals.
<b>Incompatible materials</b>	Bases. Strong oxidizing agents. Reducing agents. Metals.
<b>Hazardous decomposition products</b>	May include and are not limited to: Oxides of carbon. Oxides of sulfur.

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## 11. Toxicological Information

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<b>Routes of exposure</b>	Eye, Skin contact, Skin absorption, Inhalation, Ingestion.
<b>Information on likely routes of exposure</b>	
<b>Ingestion</b>	Causes digestive tract burns. May cause stomach distress, nausea or vomiting.
<b>Inhalation</b>	May cause irritation to the respiratory system. Prolonged inhalation may be harmful. May cause respiratory tract irritation or chemical burns.
<b>Skin contact</b>	Causes severe skin burns.
<b>Eye contact</b>	2-Butoxy ethanol may be absorbed through the skin in toxic amounts if contact is repeated and prolonged. These effects have not been observed in humans. Causes serious eye damage.
<b>Symptoms related to the physical, chemical and toxicological characteristics</b>	Contact with this material will cause burns to the skin, eyes and mucous membranes. Burning pain and severe corrosive skin damage. Causes serious eye damage. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result.

### Information on toxicological effects

#### Acute toxicity

Components	Species	Test Results
Diethylene glycol monobutyl ether (CAS 112-34-5)		
<b>Acute</b>		
<i>Dermal</i>		
LD50	Rabbit	4120 mg/kg, HSDB

Components	Species	Test Results
		2764 mg/kg, 24 Hours, ECHA 2700 mg/kg, HSDB
<i>Inhalation</i> LC50	Not available	
<i>Oral</i> LD50	Rat	> 5000 mg/kg, ECHA 9623 mg/kg, ECHA 7292 mg/kg, HSDB 7291 mg/kg, ECHA 6600 mg/kg, HSDB 6560 mg/kg, ECHA/HSDB 5660 mg/kg, HSDB 4500 mg/kg, HSDB 3306 mg/kg, ECHA
Ethanol, 2-butoxy- (CAS 111-76-2)		
<b>Acute</b>		
<i>Dermal</i> LD50	Guinea pig	7.3 ml/kg, 4 Days, ECHA 0.3 ml/kg, 24 Hours, ECHA 0.2 ml/kg, 24 Hours, ECHA
	Rabbit	> 2000 mg/kg, 24 Hours, ECHA 1060 mg/kg, 24 Hours, ECHA 841 mg/kg, 24 Hours, ECHA 667 mg/kg, 24 Hours, ECHA 560 ml/kg, 24 Hours, ECHA 450 ml/kg, 24 Hours, ECHA 435 mg/kg, 24 Hours, ECHA 400 mg/kg, HSDB 0.7 ml/kg, 24 Hours, ECHA 0.6 ml/kg, ECHA
	Rat	> 2000 mg/kg, 24 Hours, ECHA
<i>Inhalation</i> LC50	Mouse	700 ppm, 7 Hours, HSDB 700 mg/L, 7 Hours, HSDB
	Rabbit	400 ppm, 7 Hours, ECHA
	Rat	> 900 ppm, ECHA > 800 ppm, 4 Hours, ECHA 900 ppm, ECHA 800 ppm, 4 Hours, ECHA 486 ppm, 4 Hours, ECHA 450 ppm, 4 Hours, ECHA
<i>Oral</i> LD50	Dog	> 695 mg/kg, ECHA
	Guinea pig	1414 mg/kg 1200 mg/kg, ECHA
	Mouse	2005 mg/kg, ECHA 1519 mg/kg 1200 mg/kg, HSDB

Components	Species	Test Results
	Rabbit	320 mg/kg, HMIRA
	Rat	1000 - 2000 mg/kg, ECHA
		560 - 3000 mg/kg, ECHA
		530 - 2800 mg/kg
		2600 mg/kg, ECHA
		2420 mg/kg, ECHA
		1746 mg/kg
		1480 mg/kg, ECHA
		880 mg/kg, ECHA
		615 mg/kg, ECHA
Oxalic acid (CAS 144-62-7)		
<b>Acute</b>		
<i>Dermal</i>		
LD50	Rabbit	20000 mg/kg, European Agency for the Evaluation of Medicinal Products
<i>Oral</i>		
LD50	Rat	375 mg/kg, Toxicology and Applied Pharmacology
		9.5 ml/kg, ECHA
		7.5 ml/kg, ECHA
		1.1 ml/100g, ECHA
Sodium dodecylbenzenesulfonate (CAS 68081-81-2)		
<b>Acute</b>		
<i>Dermal</i>		
LD50	Rat	> 2000 mg/kg, OECD SIDS
<i>Inhalation</i>		
LC50	Not available	
<i>Oral</i>		
LD50	Mouse	2160 - 2250 mg/kg, OECD SIDS
	Rat	1080 - 1980 mg/kg, OECD SIDS
<b>Skin corrosion/irritation</b>	Causes severe skin burns and eye damage.	
<b>Exposure minutes</b>	Not available.	
<b>Erythema value</b>	Not available.	
<b>Oedema value</b>	Not available.	
<b>Serious eye damage/eye irritation</b>	Causes serious eye damage.	
<b>Corneal opacity value</b>	Not available.	
<b>Iris lesion value</b>	Not available.	
<b>Conjunctival reddening value</b>	Not available.	
<b>Conjunctival oedema value</b>	Not available.	
<b>Recover days</b>	Not available.	
<b>Respiratory or skin sensitization</b>		
<b>Canada - Alberta OELs: Irritant</b>		
Ethanol, 2-butoxy- (CAS 111-76-2)	Irritant	
Oxalic acid (CAS 144-62-7)	Irritant	
<b>Respiratory sensitization</b>	Not a respiratory sensitizer.	
<b>Skin sensitization</b>	This product is not expected to cause skin sensitization.	
<b>Mutagenicity</b>	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.	
<b>Carcinogenicity</b>	This product is not considered to be a carcinogen by IARC, ACGIH, NTP or OSHA. See below.	

**ACGIH Carcinogens**

Ethanol, 2-butoxy- (CAS 111-76-2)

A3 Confirmed animal carcinogen with unknown relevance to humans.

**Canada - Manitoba OELs: carcinogenicity**

2-BUTOXYETHANOL (EGBE) (CAS 111-76-2)

Confirmed animal carcinogen with unknown relevance to humans.

**IARC Monographs. Overall Evaluation of Carcinogenicity**

Ethanol, 2-butoxy- (CAS 111-76-2)

Volume 88 - 3 Not classifiable as to carcinogenicity to humans.

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

Not listed.

<b>Reproductive toxicity</b>	This product is not expected to cause reproductive or developmental effects.
<b>Teratogenicity</b>	Not available.
<b>Specific target organ toxicity - single exposure</b>	Not classified.
<b>Specific target organ toxicity - repeated exposure</b>	Not classified.
<b>Aspiration hazard</b>	Not an aspiration hazard.
<b>Chronic effects</b>	May be harmful if absorbed through skin. Prolonged inhalation may be harmful.  2-Butoxy ethanol may be absorbed through the skin in toxic amounts if contact is repeated and prolonged. These effects have not been observed in humans.

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**12. Ecological Information**

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<b>Ecotoxicity</b>	See below		
<b>Ecotoxicological data Components</b>		<b>Species</b>	<b>Test Results</b>
Diethylene glycol monobutyl ether (CAS 112-34-5)			
Crustacea	EC50	Daphnia	2850 mg/L, 48 Hours
<b>Aquatic</b>			
Fish	LC50	Bluegill ( <i>Lepomis macrochirus</i> )	1300 mg/L, 96 hours
Ethanol, 2-butoxy- (CAS 111-76-2)			
Crustacea	EC50	Daphnia	1819 mg/L, 48 Hours
<b>Aquatic</b>			
Fish	LC50	Inland silverside ( <i>Menidia beryllina</i> )	1250 mg/L, 96 hours
Oxalic acid (CAS 144-62-7)			
Crustacea	EC50	Daphnia	137.5 mg/L, 48 Hours
<b>Aquatic</b>			
Crustacea	EC50	Water flea ( <i>Daphnia magna</i> )	125 - 150 mg/L, 48 hours
<b>Persistence and degradability</b>	No data is available on the degradability of this product.		
<b>Bioaccumulative potential</b>	No data available.		
<b>Mobility in soil</b>	No data available.		
<b>Mobility in general</b>	Not available.		
<b>Other adverse effects</b>	No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.		

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**13. Disposal Considerations**

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<b>Disposal instructions</b>	Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Do not allow this material to drain into sewers/water supplies. Dispose of contents/container in accordance with local/regional/national/international regulations.
<b>Local disposal regulations</b>	Dispose in accordance with all applicable regulations.
<b>Hazardous waste code</b>	D002: Waste Corrosive material [pH ≤2 or ≥12.5, or corrosive to steel] The waste code should be assigned in discussion between the user, the producer and the waste disposal company.
<b>Waste from residues / unused products</b>	Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).
<b>Contaminated packaging</b>	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)

#### Basic shipping requirements:

UN number	UN1760
Proper shipping name	Corrosive liquids, n.o.s.
Technical name	Oxalic acid
Hazard class	8
Packing group	III
Special provisions	IB3, T7, TP1, TP28
Packaging exceptions	<1.3 gallons - Limited Quantity
Packaging non bulk	203
Packaging bulk	241

### Transportation of Dangerous Goods (TDG - Canada)

#### Basic shipping requirements:

UN number	UN1760
Proper shipping name	CORROSIVE LIQUID, N.O.S.
Technical name	Oxalic acid
Hazard class	8
Packing group	III
Special provisions	16
Packaging exceptions	<5L - Limited Quantity

### DOT



### TDG



## 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 CEPA Schedule I: Listed substance

Ethanol, 2-butoxy- (CAS 111-76-2) Listed.

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

Diethylene glycol monobutyl ether (CAS 112-34-5) 1 TONNES

Ethanol, 2-butoxy- (CAS 111-76-2) 1 TONNES

#### Canada Priority Substances List (Second List): Listed substance

Ethanol, 2-butoxy- (CAS 111-76-2) 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)**

Oxalic acid (CAS 144-62-7) 1.0 % One-Time Export Notification only.

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

Diethylene glycol monobutyl ether (CAS 112-34-5) Listed.  
Ethanol, 2-butoxy- (CAS 111-76-2) Listed.

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

Not listed.

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

**Hazard categories**  
Immediate Hazard - Yes  
Delayed Hazard - No  
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.
Diethylene glycol monobutyl ether	112-34-5	1 - 5*
Ethanol, 2-butoxy-	111-76-2	1 - 5*

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

Diethylene glycol monobutyl ether (CAS 112-34-5)

**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**

Ethanol, 2-butoxy- (CAS 111-76-2) Listed.  
Oxalic acid (CAS 144-62-7) Listed.

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

Diethylene glycol monobutyl ether (CAS 112-34-5)  
Ethanol, 2-butoxy- (CAS 111-76-2)

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

Diethylene glycol monobutyl ether (CAS 112-34-5) Listed.  
Ethanol, 2-butoxy- (CAS 111-76-2) Listed.

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

Ethanol, 2-butoxy- (CAS 111-76-2) Listed.  
Oxalic acid (CAS 144-62-7) Listed.

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

Diethylene glycol monobutyl ether (CAS 112-34-5)  
Ethanol, 2-butoxy- (CAS 111-76-2)  
Oxalic acid (CAS 144-62-7)

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

Diethylene glycol monobutyl ether (CAS 112-34-5) Listed.  
Ethanol, 2-butoxy- (CAS 111-76-2) Listed.  
Oxalic acid (CAS 144-62-7) Listed.  
Sodium dodecylbenzenesulfonate (CAS 68081-81-2) Listed.

**US. Massachusetts RTK - Substance List**

Ethanol, 2-butoxy- (CAS 111-76-2)  
Oxalic acid (CAS 144-62-7)

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

Diethylene glycol monobutyl ether (CAS 112-34-5)  
Ethanol, 2-butoxy- (CAS 111-76-2)

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

Diethylene glycol monobutyl ether (CAS 112-34-5)  
Ethanol, 2-butoxy- (CAS 111-76-2)  
Oxalic acid (CAS 144-62-7)

**US. Rhode Island RTK**

Ethanol, 2-butoxy- (CAS 111-76-2)  
Oxalic acid (CAS 144-62-7)

**US. California Proposition 65**

Not Listed.

**Inventory status**

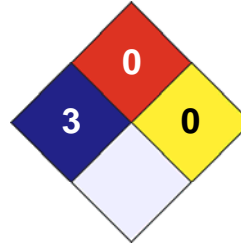
Country(s) or region	Inventory name	On inventory (yes/no)*
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

\*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	/ 3
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	X



**Disclaimer**

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

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01

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**Prepared by**

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**Other information**

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