

## 1. Product and Company Identification

<b>Product identifier</b>	<b>mycolio DISINFECTANT, mycolio DISINFECTANT WIPES</b>
<b>Other means of identification</b>	Not available
<b>Recommended use</b>	Hard Surface Disinfectant
<b>Recommended restrictions</b>	None known.
<b>Manufacturer information</b>	maxill Inc. 80 Elm Street St. Thomas, ON N5R 6C8 CA Phone: 519-631-7370 Fax: 519-631-3388 Website: maxill.com
<b>Supplier</b>	maxill Inc 500 West Main Street Cortland, OH 44410 US Phone:1-855-462-9455
<b>Emergency Response Number</b>	ChemTel: 1-800-255-3924, outside US and Canada, 1-813-248-0585 CANUTEC: 613-996-6666

## 2. Hazards Identification

<b>Physical hazards</b>	Flammable liquids	Category 3
<b>Health hazards</b>	Acute toxicity, dermal	Category 4
	Skin corrosion/irritation	Category 2
	Serious eye damage/eye irritation	Category 2
	Specific target organ toxicity, single exposure	Category 3 narcotic effects
<b>Environmental hazards</b>	Not classified.	
<b>WHMIS 2015 defined hazards</b>	Not classified	
<b>Label elements</b>		



<b>Signal word</b>	Warning
<b>Hazard statement</b>	Flammable liquid and vapor. Harmful in contact with skin. Causes skin irritation. Causes serious eye irritation. May cause drowsiness or dizziness.

**Precautionary statement**

<b>Prevention</b>	Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Keep container tightly closed. Ground and bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting equipment. Use non-sparking tools. Take action to prevent static discharges. Avoid breathing mist or vapor. Use only outdoors or in a well-ventilated area. Wash thoroughly after handling. Wear protective gloves/eye protection/face protection.
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<b>Response</b>	In case of fire: Use appropriate media to extinguish. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. If skin irritation occurs: Get medical advice/attention. Specific treatment (see information on this label). Take off contaminated clothing and wash it before reuse. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. IF INHALED: Remove person to fresh air and keep comfortable for breathing.
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<b>Storage</b>	Store in a well-ventilated place. Keep container tightly closed. Store locked up. Keep cool.
<b>Disposal</b>	Dispose of contents/container in accordance with local/regional/national/international regulations.
<b>WHMIS 2015: Health Hazard(s) not otherwise classified (HHNOC)</b>	None known
<b>WHMIS 2015: Physical Hazard(s) not otherwise classified (PHNOC)</b>	None known
<b>Hazard(s) not otherwise classified (HNOC)</b>	None known.
<b>Supplemental information</b>	This is a registered EPA product. The product labeling is in compliance with EPA regulations and guidelines.

### 3. Composition/Information on Ingredients

#### Mixture

Chemical name	Common name and synonyms	CAS number	%
Isopropanol		67-63-0	10 - 30
Ethanol		64-17-5	5 - 10
Ethanol, 2-butoxy-		111-76-2	3 - 7
Didecyl dimethyl ammonium chloride		7173-51-5	0.5 - 1.5

**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.

Not applicable to DIN products. Refer to product label for active ingredient content.

### 4. First Aid Measures

<b>Inhalation</b>	IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.
<b>Skin contact</b>	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water. If skin irritation occurs: Get medical advice/attention. Specific treatment (see information on this label). Take off contaminated clothing and wash it before reuse.
<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. If eye irritation persists: Get medical advice/attention.
<b>Ingestion</b>	Rinse mouth. Do not induce vomiting. Never give anything by mouth if victim is unconscious, or is convulsing. Obtain medical attention.
<b>Most important symptoms/effects, acute and delayed</b>	Direct contact with eyes may cause temporary irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Skin irritation. May cause redness and pain. Vapors have a narcotic effect and may cause headache, fatigue, dizziness and nausea.
<b>Indication of immediate medical attention and special treatment needed</b>	Symptoms may be delayed.
<b>General information</b>	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. Keep away from sources of ignition. No smoking. Avoid contact with eyes and skin. Wear protective gloves/eye protection/face protection. Wash contaminated clothing before reuse. Keep out of reach of children.

### 5. Fire Fighting Measures

<b>Suitable extinguishing media</b>	Alcohol resistant foam. Water fog. Dry chemical powder. Carbon dioxide.
<b>Unsuitable extinguishing media</b>	Not available.
<b>Specific hazards arising from the chemical</b>	During fire, gases hazardous to health may be formed. Vapors may form explosive mixtures with air. Vapors may travel considerable distance to a source of ignition and flash back.
<b>Special protective equipment and precautions for firefighters</b>	Firefighters should wear full protective clothing including self contained breathing apparatus.
<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>	Flammable liquid and vapor.

**Hazardous combustion products**

May include and are not limited to: Oxides of carbon.

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## 6. Accidental Release Measures

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**Personal precautions, protective equipment and emergency procedures**

Keep people away from and upwind of spill/leak. Keep out of low areas. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Avoid inhalation of vapors or mists. Ventilate closed spaces before entering them. 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. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Never return spills in original containers for re-use. Clean surface thoroughly to remove residual contamination. Following product recovery, flush area with water. For waste disposal, see section 13 of the SDS.

**Environmental precautions**

Do not discharge into lakes, streams, ponds or public waters.

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## 7. Handling and Storage

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**Precautions for safe handling**

Vapors may form explosive mixtures with air.  
Do not handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight.  
Take precautionary measures against static discharges.  
Use non-sparking tools and explosion-proof equipment.

Avoid contact with eyes, skin and clothing.  
Avoid breathing mist or vapor.  
Use only with adequate ventilation.  
Wear appropriate personal protective equipment.  
Observe good industrial hygiene practices.  
Wash thoroughly after handling.  
When using do not eat or drink.

**Conditions for safe storage, including any incompatibilities**

Store locked up.  
Store in a cool, dry place out of direct sunlight.  
Store away from incompatible materials (see Section 10 of the SDS).  
Keep out of the reach of children.

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## 8. Exposure Controls/Personal Protection

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**Occupational exposure limits**

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

Components	Type	Value
Ethanol (CAS 64-17-5)	TWA	1880 mg/m <sup>3</sup> 1000 ppm
Ethanol, 2-butoxy- (CAS 111-76-2)	TWA	97 mg/m <sup>3</sup> 20 ppm
Isopropanol (CAS 67-63-0)	STEL	984 mg/m <sup>3</sup> 400 ppm
	TWA	492 mg/m <sup>3</sup> 200 ppm

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

Components	Type	Value
Ethanol (CAS 64-17-5)	STEL	1000 ppm
Ethanol, 2-butoxy- (CAS 111-76-2)	TWA	20 ppm
Isopropanol (CAS 67-63-0)	STEL	400 ppm
	TWA	200 ppm

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

Components	Type	Value
Ethanol (CAS 64-17-5)	STEL	1000 ppm
Ethanol, 2-butoxy- (CAS 111-76-2)	TWA	20 ppm
Isopropanol (CAS 67-63-0)	STEL	400 ppm
	TWA	200 ppm

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

Components	Type	Value
Ethanol (CAS 64-17-5)	STEL	1000 ppm
Ethanol, 2-butoxy- (CAS 111-76-2)	TWA	20 ppm
Isopropanol (CAS 67-63-0)	STEL	400 ppm
	TWA	200 ppm

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

Components	Type	Value
Ethanol (CAS 64-17-5)	TWA	1880 mg/m3
		1000 ppm
Ethanol, 2-butoxy- (CAS 111-76-2)	TWA	97 mg/m3
		20 ppm
Isopropanol (CAS 67-63-0)	STEL	1230 mg/m3
	TWA	500 ppm
		983 mg/m3
		400 ppm

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

Components	Type	Value
Ethanol (CAS 64-17-5)	PEL	1900 mg/m3
		1000 ppm
Ethanol, 2-butoxy- (CAS 111-76-2)	PEL	240 mg/m3
		50 ppm
Isopropanol (CAS 67-63-0)	PEL	980 mg/m3
		400 ppm

**US. ACGIH Threshold Limit Values**

Components	Type	Value
Ethanol (CAS 64-17-5)	STEL	1000 ppm
Ethanol, 2-butoxy- (CAS 111-76-2)	TWA	20 ppm
Isopropanol (CAS 67-63-0)	STEL	400 ppm
	TWA	200 ppm

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

Components	Type	Value
Ethanol (CAS 64-17-5)	TWA	1900 mg/m3
		1000 ppm
Ethanol, 2-butoxy- (CAS 111-76-2)	TWA	24 mg/m3
		5 ppm
Isopropanol (CAS 67-63-0)	STEL	1225 mg/m3
		500 ppm
	TWA	980 mg/m3
		400 ppm

**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	*
Isopropanol (CAS 67-63-0)	40 mg/L	Acetone	Urine	*

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

**Exposure guidelines**

Chemicals listed in section 3 that are not listed here do not have established limit values for ACGIH or OSHA PEL.

**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** Ensure adequate ventilation.**Individual protection measures, such as personal protective equipment****Eye/face protection** Wear eye protection as appropriate.**Skin protection****Hand protection** Impervious gloves. Nitrile or Butyl rubber.**Other** As required by employer code.**Respiratory protection** Where exposure guideline levels may be exceeded, use an approved NIOSH respirator.**Thermal hazards** Not applicable.**General hygiene considerations** Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and immediately after handling the product. When using do not eat or drink.

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**9. Physical and Chemical Properties**

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**Appearance** Solution, Towel saturated with colorless liquid**Physical state** Liquid.**Form** Liquid.**Color** Colorless liquid on a towel material.**Odor** Alcohol - like**Odor threshold** Not available.**pH** Not available.**pH concentration** 9.4**Melting point/freezing point** Not available.**Initial boiling point and boiling range** Not available.**Pour point** Not available.**Specific gravity** 0.97 g/mL @ 20C**Partition coefficient (n-octanol/water)** Not available.**Flash point** 88.2 °F (31.2 °C)**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.**Auto-ignition temperature** Not available.**Decomposition temperature** Not available.**Viscosity** 3.1 cSt @ 20C. 1.6 cSt @ 40C

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**10. Stability and Reactivity**

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**Reactivity** May react with incompatible materials.**Possibility of hazardous reactions** Hazardous polymerization does not occur.**Chemical stability** Stable under recommended storage conditions.**Conditions to avoid** Avoid temperatures exceeding the flash point. Do not mix with other chemicals.

<b>Incompatible materials</b>	Strong oxidizing agents. Acids. Isocyanates. Chlorine.
<b>Hazardous decomposition products</b>	May include and are not limited to: Oxides of carbon.

## 11. Toxicological Information

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

**Information on likely routes of exposure**

<b>Ingestion</b>	May cause stomach distress, nausea or vomiting.
<b>Inhalation</b>	Vapors have a narcotic effect and may cause headache, fatigue, dizziness and nausea.
<b>Skin contact</b>	Harmful in contact with skin.
<b>Eye contact</b>	Causes serious eye irritation.

**Symptoms related to the physical, chemical and toxicological characteristics** Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Skin irritation. May cause redness and pain. Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting.

**Information on toxicological effects**

**Acute toxicity** Harmful in contact with skin.

Components	Species	Test Results
Didecyl dimethyl ammonium chloride (CAS 7173-51-5)		
<b>Acute</b>		
<i>Dermal</i>		
LD50	Rabbit	500 mg/kg
<i>Inhalation</i>		
LC50	Not available	
<i>Oral</i>		
LD50	Mouse	268 mg/kg
	Rat	84 mg/kg
Ethanol (CAS 64-17-5)		
<b>Acute</b>		
<i>Dermal</i>		
LD50	Rabbit	> 15800 mg/kg
<i>Inhalation</i>		
LC50	Mouse	39 mg/L, 4 Hours
	Rat	31623 ppm, 4 Hours 20000 ppm, 10 Hours 64.1 mg/l/4h
<i>Oral</i>		
LD50	Dog	5500 mg/kg
	Guinea pig	5600 mg/kg
	Mouse	3450 mg/kg
	Rat	7060 mg/kg
Ethanol, 2-butoxy- (CAS 111-76-2)		
<b>Acute</b>		
<i>Dermal</i>		
LD50	Guinea pig	207 mg/kg
	Rabbit	400 mg/kg 220 mg/kg 99 mg/kg
	Rat	99 mg/kg
<i>Inhalation</i>		
LC50	Mouse	700 ppm, 7 Hours
	Rat	450 ppm, 4 Hours 2.2 mg/L, 4 Hours
<i>Oral</i>		
LD50	Guinea pig	1200 mg/kg

Components	Species	Test Results
	Mouse	1200 mg/kg
	Rabbit	320 mg/kg
	Rat	470 mg/kg
Isopropanol (CAS 67-63-0)		
<b>Acute</b>		
<i>Dermal</i>		
LD50	Rabbit	12800 mg/kg
<i>Inhalation</i>		
LC50	Rat	16970 mg/l/4h
<i>Oral</i>		
LD50	Dog	4797 mg/kg
	Mouse	3600 mg/kg
	Rabbit	5030 mg/kg
	Rat	4396 mg/kg
<b>Skin corrosion/irritation</b>	Causes skin irritation.	
<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 irritation.	
<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
<b>Respiratory sensitization</b>	Not available.	
<b>Skin sensitization</b>	Not classified.	
<b>Mutagenicity</b>	Not classified.	
<b>Carcinogenicity</b>	Not classified.	
<b>ACGIH Carcinogens</b>		
Ethanol, 2-butoxy- (CAS 111-76-2)		A3 Confirmed animal carcinogen with unknown relevance to humans.
Isopropanol (CAS 67-63-0)		A4 Not classifiable as a human carcinogen.
<b>Canada - Manitoba OELs: carcinogenicity</b>		
2-BUTOXYETHANOL (EGBE) (CAS 111-76-2)		Confirmed animal carcinogen with unknown relevance to humans.
2-PROPANOL (CAS 67-63-0)		Not classifiable as a human carcinogen.
ETHANOL (CAS 64-17-5)		Confirmed animal carcinogen with unknown relevance to humans.
<b>IARC Monographs. Overall Evaluation of Carcinogenicity</b>		
Ethanol (CAS 64-17-5)		Volume 44, Volume 96, Volume 100E
Ethanol, 2-butoxy- (CAS 111-76-2)		Volume 96, Volume 100E
		Volume 88 - 3 Not classifiable as to carcinogenicity to humans.
<b>US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)</b>		
Not listed.		
<b>Reproductive toxicity</b>	Not classified.	
<b>Teratogenicity</b>	Not classified.	
<b>Specific target organ toxicity - single exposure</b>	Narcotic effects.	
<b>Specific target organ toxicity - repeated exposure</b>	Not classified.	
<b>Aspiration hazard</b>	Not classified.	
<b>Chronic effects</b>	Prolonged inhalation may be harmful.	

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## 12. Ecological Information

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**Ecotoxicity** See below

### Ecotoxicological data

Components		Species	Test Results
Didecyl dimethyl ammonium chloride (CAS 7173-51-5)			
Fish	LC50	White sturgeon (Acipenser transmontanus)	0.001 - 0.01 mg/L, 96 hours
Ethanol (CAS 64-17-5)			
Crustacea	EC50	Daphnia	11744.5 mg/L, 48 Hours
<b>Aquatic</b>			
Crustacea	EC50	Water flea (Daphnia magna)	7.7 - 11.2 mg/L, 48 hours
Fish	LC50	Fathead minnow (Pimephales promelas)	> 100 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 (Menidia beryllina)	1250 mg/L, 96 hours
Isopropanol (CAS 67-63-0)			
Algae	IC50	Algae	1000 mg/L, 72 Hours
Crustacea	EC50	Daphnia	13299 mg/L, 48 Hours
<b>Aquatic</b>			
Fish	LC50	Bluegill (Lepomis macrochirus)	> 1400 mg/L, 96 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>	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>	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>	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>	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.

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## 14. Transport Information

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<b>Transport of Dangerous Goods (TDG) Proof of Classification</b>	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.
<b>U.S. Department of Transportation (DOT)</b>	Not regulated as dangerous goods. 49 CFR 173.150 (e)- Aqueous solutions of alcohol exemption
<b>Transportation of Dangerous Goods (TDG - Canada)</b>	Not regulated as dangerous goods. 1.36 Class 3, Flammable Liquids, Alcoholic Beverage and Aqueous Solution of Alcohol Exemption SOR/2008-34 (a)(i)

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## 15. Regulatory Information

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**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.

Product Registration: DIN pending

### 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

Ethanol (CAS 64-17-5)

1 TONNES



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

Isopropanol (CAS 67-63-0) 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**

Exempt

**US federal regulations**

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

This chemical is a pesticide product registered by the United States Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets (SDS), and for workplace labels of non-pesticide chemicals. The hazard information required on the pesticide label is reproduced below. The pesticide label also includes other important information, including directions for use.

**PRECAUTIONARY STATEMENTS:**

Hazards to humans and Domestic animals.

**CAUTION:** Causes moderate eye irritation. Avoid contact with eyes and clothing. Wash thoroughly with soap and water after handling and before eating and drinking, chewing gum, using tobacco or using toilet.

EPA Reg. # 88897-2-90841, EPA Reg. #88897-1-90841  
EPA Est. # 88897-CAN-001

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

Not regulated.

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

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

Isopropanol (CAS 67-63-0) 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 - Yes  
Fire Hazard - Yes  
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.
Isopropanol	67-63-0	10 - 30
Ethanol, 2-butoxy-	111-76-2	3 - 7

**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**

Ethanol (CAS 64-17-5) Listed.

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

Isopropanol (CAS 67-63-0) Listed.

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

Ethanol (CAS 64-17-5)

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

Isopropanol (CAS 67-63-0)

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

Ethanol (CAS 64-17-5) Listed.  
 Ethanol, 2-butoxy- (CAS 111-76-2) Listed.  
 Isopropanol (CAS 67-63-0) Listed.

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

Ethanol (CAS 64-17-5) Listed.  
 Ethanol, 2-butoxy- (CAS 111-76-2) Listed.  
 Isopropanol (CAS 67-63-0) Listed.

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

Ethanol (CAS 64-17-5)  
 Ethanol, 2-butoxy- (CAS 111-76-2)  
 Isopropanol (CAS 67-63-0)

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

Didecyl dimethyl ammonium chloride (CAS 7173-51-5) Listed.  
 Ethanol (CAS 64-17-5) Listed.  
 Ethanol, 2-butoxy- (CAS 111-76-2) Listed.  
 Isopropanol (CAS 67-63-0) Listed.

**US. Massachusetts RTK - Substance List**

Ethanol (CAS 64-17-5)  
 Ethanol, 2-butoxy- (CAS 111-76-2)  
 Isopropanol (CAS 67-63-0)

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

Ethanol, 2-butoxy- (CAS 111-76-2)  
 Isopropanol (CAS 67-63-0)

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

Ethanol (CAS 64-17-5)  
 Ethanol, 2-butoxy- (CAS 111-76-2)  
 Isopropanol (CAS 67-63-0)

**US. Rhode Island RTK**

Ethanol, 2-butoxy- (CAS 111-76-2)  
 Isopropanol (CAS 67-63-0)

**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.

**Inventory status**

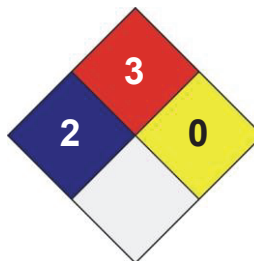
Country(s) or region	Inventory name	On inventory (yes/no)*
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

\*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

<b>HEALTH</b>	* 2
<b>FLAMMABILITY</b>	3
<b>PHYSICAL HAZARD</b>	0
<b>PERSONAL PROTECTION</b>	X

**Disclaimer**

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**Other information**

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