

1. Product and Company Identification

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

2. Hazards Identification

| | | |
|-----------------------------------|---|-----------------------------|
| Physical hazards | Flammable liquids | Category 3 |
| Health hazards | 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 |
| Environmental hazards | Not classified. | |
| WHMIS 2015 defined hazards | Not classified | |
| Label elements | | |



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

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| Precautionary statement | |
| Prevention | 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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| Response | 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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| Storage | Store in a well-ventilated place. Keep container tightly closed. Store locked up. Keep cool. |
| Disposal | Dispose of contents/container in accordance with local/regional/national/international regulations. |
| 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 | 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

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|---|--|
| Inhalation | IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell. |
| Skin contact | 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. |
| 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. Do not induce vomiting. Never give anything by mouth if victim is unconscious, or is convulsing. Obtain medical attention. |
| Most important symptoms/effects, acute and delayed | Direct contact with eyes may cause temporary irritation. 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. |
| Indication of immediate medical attention and special treatment needed | Symptoms may be delayed. |
| General information | 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

| | |
|--|--|
| Suitable extinguishing media | Alcohol resistant foam. Water fog. Dry chemical powder. Carbon dioxide. |
| Unsuitable extinguishing media | Not available. |
| Specific hazards arising from the chemical | 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. |
| Special protective equipment and precautions for firefighters | Firefighters should wear full protective clothing including self contained breathing apparatus. |
| 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 | Flammable liquid and vapor. |

Hazardous combustion products

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

6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Keep 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.

7. Handling and Storage

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.

8. Exposure Controls/Personal Protection

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 ³ 1000 ppm |
| Ethanol, 2-butoxy- (CAS 111-76-2) | TWA | 97 mg/m ³ 20 ppm |
| Isopropanol (CAS 67-63-0) | STEL | 984 mg/m ³ 400 ppm |
| | TWA | 492 mg/m ³ 200 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.

9. Physical and Chemical Properties

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

10. Stability and Reactivity

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.

| | |
|---|--|
| Incompatible materials | Strong oxidizing agents. Acids. Isocyanates. Chlorine. |
| Hazardous decomposition products | 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

| | |
|---------------------|--|
| Ingestion | May cause stomach distress, nausea or vomiting. |
| Inhalation | Vapors have a narcotic effect and may cause headache, fatigue, dizziness and nausea. |
| Skin contact | Harmful in contact with skin. |
| 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. 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) | | |
| Acute | | |
| <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) | | |
| Acute | | |
| <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) | | |
| Acute | | |
| <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) | | |
| Acute | | |
| <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 |
| Skin corrosion/irritation | Causes skin 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 - Alberta OELs: Irritant | | |
| Ethanol, 2-butoxy- (CAS 111-76-2) | | Irritant |
| Respiratory sensitization | Not available. | |
| Skin sensitization | Not classified. | |
| Mutagenicity | Not classified. | |
| Carcinogenicity | Not classified. | |
| ACGIH Carcinogens | | |
| 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. |
| Canada - Manitoba OELs: carcinogenicity | | |
| 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. |
| IARC Monographs. Overall Evaluation of Carcinogenicity | | |
| 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. |
| US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050) | | |
| Not listed. | | |
| Reproductive toxicity | Not classified. | |
| Teratogenicity | Not classified. | |
| Specific target organ toxicity - single exposure | Narcotic effects. | |
| Specific target organ toxicity - repeated exposure | Not classified. | |
| Aspiration hazard | Not classified. | |
| Chronic effects | Prolonged inhalation may be harmful. | |

12. Ecological Information

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 |
| Aquatic | | | |
| 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 |
| Aquatic | | | |
| 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 |
| Aquatic | | | |
| Fish | LC50 | Bluegill (Lepomis macrochirus) | > 1400 mg/L, 96 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 | 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 | 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. 49 CFR 173.150 (e)- Aqueous solutions of alcohol exemption |
| Transportation of Dangerous Goods (TDG - Canada) | Not regulated as dangerous goods. 1.36 Class 3, Flammable Liquids, Alcoholic Beverage and Aqueous Solution of Alcohol Exemption SOR/2008-34 (a)(i) |

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.

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

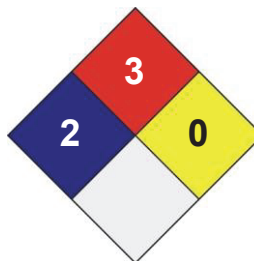
| Country(s) or region | Inventory name | On inventory (yes/no)* |
|-----------------------------|---|------------------------|
| Canada | Domestic Substances List (DSL) | Yes |
| Canada | Non-Domestic Substances List (NDSL) | No |
| United States & Puerto Rico | Toxic Substances Control Act (TSCA) Inventory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

| | |
|----------------------------|-----|
| HEALTH | * 2 |
| FLAMMABILITY | 3 |
| PHYSICAL HAZARD | 0 |
| PERSONAL PROTECTION | 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.