

1. Product and Company Identification

2. Hazards Identification

Emergency overview	CAUTION	
	Combustible liquid. Keep away from heat and flame.	
	Eye and skin irritant.	
Potential short term health effe	ects	
Routes of exposure	Eye, Skin contact, Inhalation, Ingestion.	
Eyes	May cause irritation.	
Skin	May cause irritation.	
Inhalation	Excessive intentional inhalation may cause respiratory tract irritation and central nervous system effects (headache, dizziness).	
Ingestion	Not a normal route of exposure. May cause stomach distress, nausea or vomiting.	
Target organs	Eyes. Skin.	
Chronic effects	Prolonged or repeated exposure can cause drying, defatting and dermatitis.	
Signs and symptoms	Symptoms may include redness, edema, drying, defatting and cracking of the skin. Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting.	

3. Composition / Information on Ingredients

Ingredient(s)	CAS #	Percent
2-Propanol, 1-butoxy-	5131-66-8	1 - 5

4. First Aid Measures

First aid procedures		
Eye contact	Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.	
Skin contact	Flush with cool water. Wash with soap and water. Obtain medical attention if irritation persists.	
Inhalation	If symptoms develop move victim to fresh air. If symptoms persist, obtain medical attention.	
Ingestion	Do not induce vomiting. Never give anything by mouth if victim is unconscious, or is convulsing. Obtain medical attention.	

Keep away from sources of ignition. No smoking. 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. Avoid contact with eyes and skin. Keep out of reach of children.

5. Fire Fighting Measures

Flammable properties	Combustible by WHMIS/OSHA criteria.	
Extinguishing media		
Suitable extinguishing media	Dry chemical. Alcohol foam. Carbon dioxide.	
Unsuitable extinguishing media	Not available	
Protection of firefighters		
Specific hazards arising from the chemical	Not available	
Protective equipment for firefighters	Firefighters should wear full protective clothing including self contained breathing apparatus.	
Hazardous combustion products	May include and are not limited to: Oxides of carbon.	
Explosion data		
Sensitivity to mechanical impact	Not available	
Sensitivity to static discharge	Not available	
	6. Accidental Release Measures	
Personal precautions	Wear appropriate protective equipment and clothing during clean-up.	
Methods for containment	Prevent entry into waterways, sewers, basements or confined areas.	
Methods for cleaning up	Remove sources of ignition. Pick up and discard towel.	
	7. Handling and Storage	
Handling	Use according to package label instructions.	
Storage	Keep out of reach of children. Keep away from heat, open flames or other sources of ignition. Store in a closed container away from incompatible materials.	
	osure Controls / Personal Protection	

8. Exposure Controls / Personal Protection

Exposure limits		
Ingredient(s)	Exposure Limits	
2-Propanol, 1-butoxy-	ACGIH-TLV	
	Not established	
	OSHA-PEL	
	Not established	
Engineering controls	General ventilation normally adequate.	
Personal protective equipment		
Eye / face protection	Safety glasses if eye contact is possible.	
Hand protection	If there is constant skin contact, rubber gloves are recommended.	
Skin and body protection	As required by employer code.	
Respiratory protection	Where exposure guideline levels may be exceeded, use an approved NIOSH respirator.	
General hygiene considerations	Handle in accordance with good industrial hygiene and safety practice. When using do not eat or drink. Wash hands before breaks and immediately after handling the product.	
9.	Physical and Chemical Properties	

Appearance	Liquid saturated on wipe
Color	Colorless to light yellow liquid on a wipe
Form	Pre-moistened towelette.
Odor	Slight solvent

Odor threshold	Not available
Physical state	Solid
рН	5.5 - 6.5 (liquid)
Melting point	Not available
Freezing point	Not available
Boiling point	Not available
Pour point	Not available
Evaporation rate	Not available
Flash point	> 188.60 °F (> 87 °C) (liquid)
Auto-ignition temperature	Not available
Flammability limits in air, lower, % by volume	Not applicable
Flammability limits in air, upper, % by volume	Not applicable
Vapor pressure	Not available
Vapor density	Not available
Specific gravity	.998 - 1.000 (liquid)
Octanol/water coefficient	Not available
Solubility (H2O)	Pad is not soluble in water
Percent volatile	3.6

10. Stability and Reactivity

Chemical stability	Stable under recommended storage conditions.
Conditions to avoid	Source of ignition. Do not mix with other chemicals.
Incompatible materials	Oxidizers.
Hazardous decomposition products	May include and are not limited to: Oxides of carbon.
Possibility of hazardous reactions	Hazardous polymerization does not occur.

11. Toxicological Information

Component analysis - LC50		
Ingredient(s)	LC50	
2-Propanol, 1-butoxy-	Not available	
Component analysis - Oral LD50		
Ingredient(s)	LD50	
2-Propanol, 1-butoxy-	3300 mg/kg rat	
Effects of acute exposure		
Eye	May cause irritation.	
Skin	May cause irritation.	
Inhalation	Excessive intentional inhalation may cause respiratory tract irritation and central nervous system effects (headache, dizziness).	
Ingestion	Not a normal route of exposure. May cause stomach distress, nausea or vomiting.	
Sensitization	Non-hazardous by WHMIS/OSHA criteria.	
Chronic effects	Non-hazardous by WHMIS/OSHA criteria.	
Carcinogenicity	Non-hazardous by WHMIS/OSHA criteria.	
Mutagenicity	Non-hazardous by WHMIS/OSHA criteria.	
Reproductive effects	Non-hazardous by WHMIS/OSHA criteria.	
Teratogenicity	Non-hazardous by WHMIS/OSHA criteria.	
	Not available	

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Environmental effects	Not available			
Ecotoxicity	Not available		com	T

Aquatic toxicity	Not available
Persistence / degradability	Not available
Bioaccumulation / accumulation	Not available
Partition coefficient	Not available
Mobility in environmental media	Not available
Chemical fate information	Not available
Other adverse effects	Not available

13. Disposal Considerations

Waste codes	Not available
Disposal instructions	Dispose in accordance with all applicable regulations.
Waste from residues / unused products	Not available
Contaminated packaging	Not available

14. Transport Information

U.S. Department of Transportation (DOT)

Not regulated as dangerous goods.

Transportation of Dangerous Goods (TDG - Canada)

Not regulated as dangerous goods.

IATA/ICAO (Air)

Not regulated as dangerous goods.

IMDG (Marine Transport)

Not regulated as dangerous goods.

15. Regulatory Information

Canadian federal regulations This product has been classified in accordance Products Regulations and the MSDS contains a Controlled Products Regulations. US Federal regulations This product is a "Hazardous Chemical" as define Communication Standard, 29 CFR 1910.1200. CERCLA/SARA Hazardous Substances - Not a Occupational Safety and Health Administration (OSHA) 29 CFR 1910.1200 hazardous Yes chemical Yes CERCLA (Superfund) reportable quantity None Immediate Hazard - Yes Superfund Amendments and Reauthorization Act of 1986 (SARA) Hazard categories Immediate Hazard - Yes Delayed Hazard - No Fire Hazard - No Fire Hazard - No Section 302 extremely No hazardous substance Section 311 hazardous chemical Yes	all the information required by the ined by the OSHA Hazard
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Clean Air Act (CAA) Not available	
Clean Water Act (CWA) Not available	
WHMIS status Controlled	
WHMIS classification Class B - Division 3 - Combustible Liquid, Class WHMIS labeling	s D - Division 2B



This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

Inventory name				
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	e governing country(s)		

16. Other Information

Disclaimer	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.
Issue date	14-Sep-2010
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Prepared by	Dell Tech Laboratories Ltd. (519) 858-5021
Other information	For an updated MSDS, please contact the supplier/manufacturer listed on the first page of the document.

