

## 3. Composition / Information on Ingredients

Ingredient(s)	CAS #	Percent
Alcohols, C12-15, ethoxylated	68131-39-5	3 - 7
Glycine, N-methyl-N-(1-oxododecyl)-, sodium salt	137-16-6	3 - 7

### 4. First Aid Measures

First aid procedures		
Eye contact	Immediately flush with cool water. Remove contact lenses, if applicable, and continue flushing for 15 minutes. Obtain medical attention if irritation develops or persists.	
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.	
Notes to physician	Symptoms may be delayed.	

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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.

	J. I II E I Ighting weasures
Flammable properties	Not flammable by WHMIS/OSHA criteria.
Extinguishing media	
Suitable extinguishing media	Treat for surrounding material.
Unsuitable extinguishing media	Not available
Protection of firefighters	
Specific hazards arising from the chemical	Not available
Protective equipment for firefightersFirefighters should wear full protective clothing including self contained 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	Keep unnecessary personnel away. Do not touch or walk through spilled material. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Keep people away from and upwind of spill/leak.
Methods for containment	Stop leak if you can do so without risk. Prevent entry into waterways, sewers, basements or confined areas.
Methods for cleaning up	Before attempting clean up, refer to hazard data given above. Small spills may be absorbed with non-reactive absorbent and placed in suitable, covered, labelled containers. Prevent large spills from entering sewers or waterways. Contact emergency services and supplier for advice. Never return spills in original containers for re-use.
	7. Handling and Storage
Handling	Use good industrial hygiene practices in handling this material.

## 5. Fire Fighting Measures

## 8. Exposure Controls / Personal Protection

Exposure limits Ingredient(s)		Exposure Limits
Alcohols, C12-15, ethoxylated		ACGIH-TLV
		Not established
		OSHA-PEL
		Not established
Glycine, N-methyl-N-(1-oxododecyl)-, sodium salt		ACGIH-TLV
		Not established
		OSHA-PEL
		Not established
Engineering controls	General ventilation	n normally adequate.
Personal protective equipment		
Eye / face protection	Wear safety glasses with side shields.	
Hand protection	Rubber gloves. C	Confirm with a reputable supplier first.
Skin and body protection	As required by em	nployer code.
Respiratory protection	Where exposure g	guideline levels may be exceeded, use an approved NIOSH respirator.

Form Li	Colorless iquid 1ild
	/ild
Odor M	
Odor threshold No	lot available
Physical state Li	iquid
рН 7	
Melting point No	lot available
Freezing point No	lot available
Boiling point 21	12.00 °F (100 °C)
Flash point No	lone
Pour point N	lot available
Evaporation rate No	lot available
Flammability limits in air, lower, % N by volume	lot available
Flammability limits in air, upper, % N by volume	lot available
Vapor pressure No	lot available
Vapor density No	lot available
Specific gravity No	lot available
Octanol/water coefficient No	lot available
Solubility (H2O)	Complete
Auto-ignition temperature No	lot available
Percent volatile No	lot available

## 9. Physical and Chemical Properties

# 10. Stability and Reactivity

Chemical stability	Stable under recommended storage conditions.
Conditions to avoid	Do not mix with other chemicals.
Incompatible materials	Acids. 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 - LCS	50		
Ingredient(s)		LC50	
Alcohols, C12-15, ethoxylat	ed	Not available	
Glycine, N-methyl-N-(1-oxod	dodecyl)-, sodium salt	Not available	
Component analysis - Ora	I LD50		
Ingredient(s)		LD50	
Alcohols, C12-15, ethoxylat	ed	1600 mg/kg rat	
Glycine, N-methyl-N-(1-oxod	dodecyl)-, sodium salt	2000 mg/kg rat	
Effects of acute exposure			
Eye	May cause irritation	on.	
Skin	May cause irritation	on.	
Inhalation	May cause respira	atory tract irritation.	
Ingestion	May cause stoma	ch 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.
Synergistic Materials	Not available

12. Ecological Information		
Ecotoxicity	Not available	
Environmental effects	Not available	
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	Review federal, state/provincial, and local government requirements prior to disposal.	
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 with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.	
US Federal regulations	This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200. All components are on the U.S. EPA TSCA Inventory List.	
	CERCLA/SARA Hazardous Substances - Not applicable.	
Occupational Safety and Health Adr	ninistration (OSHA)	
29 CFR 1910.1200 hazardous chemical	Yes	
CERCLA (Superfund) reportable qua	antity	
None		
Superfund Amendments and Reauth	norization Act of 1986 (SARA)	
Hazard categories	Immediate Hazard - Yes Delayed Hazard - No Fire Hazard - No Pressure Hazard - No Reactivity Hazard - No	

Section 302 extremely<br/>hazardous substanceNoSection 311 hazardous chemicalYesClean Air Act (CAA)Not availableClean Water Act (CWA)Not availableWHMIS statusControlledWHMIS classificationClass D - Division 2BWHMIS labelingControlled



State regulations

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 governing country(s)		

## **16. Other Information**

Information contained herein was obtained from sources considered technically accurate Disclaimer 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. 31-Mar-2010 Issue date 15-Mar-2010 Effective date 15-Mar-2013 Expiry date Dell Tech Laboratories Ltd. (519) 858-5021 Prepared by Other information For an updated MSDS, please contact the supplier/manufacturer listed on the first page of the document.

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