


Safety Data Sheet

Section 1. Identification	
Product Identifier	G.L.D Version: 7 Effective Date: 15 January 2021
Other Means Of Identification	None
Initial Supplier Identifier	Chemfax Products Ltd. 11444 – 42 Street SE Calgary, AB T2C 5C4 Tel: 403-287-2055
Recommended Use and Restrictions On Use	Gas leak detector. No restrictions.
Product Family	Blend
Emergency Phone	1-855-887-2055 Monday - Friday 8:00am - 4:30pm MST

Section 2. Hazard Identification	
Hazard Classification	
Physical Hazards	None
Health Hazards	Skin Damage / Irritation – Category 2 Eye Damage / Irritation - Category 2B
Signal Word	Warning
Hazard Statement	Causes skin irritation. Causes eye irritation
Precautionary Prevention Statement	Wash hands thoroughly after handling. Wear protective gloves.
Precautionary Response Statement	IF ON SKIN: Wash with plenty of soap and water. If skin irritation: Get medical attention. Take off contaminated clothing and wash 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 attention. Specific treatment: Do not induce vomiting unless directed by medical personnel.

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Precautionary Storage Statement	None
Precautionary Disposal Statement	None
Other Hazards	None

Section 3. Composition / Information on Ingredients			
Chemical Name	Common Name or Synonyms	CAS NO. and Other Unique Identifiers	% by weight
Sodium lauryl sulphate	Sodium dodecyl sulphate	151-21-3	5 - 10
Balance of ingredients are considered non hazardous and constitute a proprietary blend.			

Section 4. First-Aid Measures	
Eye Contact	Flush eyes with water for 15 minutes. Seek medical attention.
Skin Contact	Flush area with water. If irritation persists seek medical attention. Launder clothing before reuse.
Inhalation	Remove victim to fresh air. If there is difficulty breathing, seek immediate medical attention
Ingestion	Give two glasses of water. Do not induce vomiting. Lay victim on left side to prevent aspiration of any vomit. Seek immediate medical attention.
Most Important Symptoms and Effects Both Acute and Delayed	Contains a component that is a National Toxicology Program (NTP) and International Agency for Research Cancer (IARC) listed carcinogen.
Immediate Medical Attention and Special Treatment	Watch for signs of respiratory insufficiency and assist ventilation as necessary.

Section 5. Fire-Fighting Measures	
Suitable and Unsuitable Extinguishing Media	Use extinguishing media suitable for the surrounding fire.
Hazardous Combustion Products	Oxides of carbon, sulphur and nitrogen may be produced if material is involved in a fire
Specific Hazards Arising From The Product	May emit poisonous and corrosive fumes.



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Special Protective Equipment and Precautions For Fire-Fighters	Fire-fighters should wear self-contained breathing apparatus and full protective clothing. Use water spray to cool containers and structures exposed to fire.
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Section 6. Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures	Gloves (nitrile), safety glasses and coveralls. Clean up waste regularly and abnormal spills immediately.
Environmental Precautions	Large quantities of the concentrated material should not be allowed to enter surface water systems and sewers.
Methods and Materials For Containment and Clean-Up	Soak up or pump excess material, place in a suitable containers for disposal. Wash residues away with water.

Section 7. Handling and Storage

Precautions For Safe Handling	Keep containers closed when not in use
Conditions For Safe Storage	Store in a cool, well ventilated area.

Section 8. Exposure Controls / Personal Protection

Control Parameters	TWA: 8 Hr STEL: 15 min Ceiling IDLH * Not available * Immediately Dangerous to Life and Health
Exposure Controls	Local exhaust ventilation
Appropriate Engineering Controls	Ensure eye wash station and safety shower are available.
Individual Protective Measures	
Eye / Face Protection	Safety glasses
Skin Protection	Gloves (nitrile) and coverall should be worn when using this product
Respiratory Protection	Not required under normal conditions of use.

Section 9. Physical and Chemical Properties

Appearance	Pink viscous liquid
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Odour	Fruity Odour
Odour Threshold	Not available.
pH	7-8
Flash Point	> 93 °C
Boiling Point and Boiling Range	No data
Melting Point and Freezing Point	0 °C
Evaporation Rate	No data
Flammability (solid, gas)	Not applicable
Upper and Lower Flammability or Explosive Limits	No data
Vapour Pressure	No data
Vapour Density	No data
Relative Density	1.025
Solubility	Soluble
Partition co-efficient, n-Octanol/Water	No data
Auto-ignition Temperature	No data
Decomposition Temperature	No data
Viscosity	No data

Section 10. Stability and Reactivity

Reactivity	Stable
Chemical Stability	Stable
Possibility of Hazardous Reactions	Will not occur
Conditions to Avoid	None known
Incompatible Materials	Contact with strong acids, strong oxidizing agents, alkalis and reducing agents.
Hazardous Decomposition Products	Will not decompose under normal conditions of use

Section 11. Toxicological Information

Component Toxicity	LD50 Oral	LD50 Dermal	LC50 Inhalation
Sodium nitrilotriacetate	1100 mg/kg (Rat)	>10,000 mg/kg (Rabbit)	
Sodium lauryl sulphate	800-2700mg/kg (Rat)	>10,000 mg/kg (Rabbit)	
Likely Routes of Exposure			
Skin:	May cause severe skin burns.		

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Eyes:	May cause severe burns and even permanent blindness.
Inhalation:	May be corrosive to the respiratory passage. Vapours may cause pulmonary oedema (fluid in the lungs). Symptoms can be delayed for several hours.
Ingestion:	Harmful if swallowed.
Acute Toxicity Estimates (ATE)	No data
STOT (Specific Target Organ Toxicity) – Single Exposure	No data
Aspiration Toxicity	Sodium nitrilotriacetate monohydrate is a suspected carcinogen – Category 2.
STOT (Specific Target Organ Toxicity)-Repeated Exposure	No data
Skin Corrosion / Irritation	Moderately irritating.
Serious Eye Damage / Irritation	Moderately irritating.
Respiratory or Skin Sensitization	No data
Carcinogenicity	Sodium nitrilotriacetate monohydrate is a suspected carcinogen – Category 2.
Reproductive Toxicity	
- Sexual Function and Fertility	No data
- Development of Offspring	Rat, rabbit & mouse (gavage): Minor variations and/or reduced fetal weight, but no birth defects were observed in rat pups following treatment during pregnancy
- Effects on or via Lactation	No data
Germ Cell Mutagenicity	No hazard.
Interactive Effects	No data
Other Information	May cause some long term effects with very high dosage exposures

Section 12. Ecological Information

Ecotoxicity	Sodium nitrilotriacetate mono hydrate: LC50: Rainbow trout 98 mg/L, LC50: Bluegill sunfish 312 mg/L, EC50: 48h, Water Flea 780 mg/L EC50: 96h, Chlorella vulgaris 780 mg/L, EC50: 96 h, Navicula 331 mg/L Sodium lauryl sulphate Aquatic LC50: > 1.4 – 25 mg/L
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Persistence and Degradability	Expected to readily biodegrade
Bioaccumulative Potential	Not available
Biodegradability	All components and final product are considered readily biodegradable
Mobility in Soil	Not available
Other Adverse Effects	Not applicable

Section 13. Disposal Considerations

Disposal Considerations	Dispose of contents/container in accordance with local, national and federal regulations.
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Section 14. Transport Information

UN Number	None
UN Proper Shipping Name	None
Transport Hazard Class(es)	None
Packaging Group	None
Environmental Hazards	Not applicable
Bulk Transport	Not applicable
Special Precaution	Not applicable
DOT Erg#	None

Section 15. Regulatory Information

Canada – DSL Inventory	All components of this product are either on the Domestic Substances List (DSL), Non-Domestic Substances List (NDSL), or exempt
TSCA	All components of this product are either on the Toxic Substances Control Act (TSCA) Inventory List or exempt
Additional Information	None

Section 16. Other Information

NFPA Rating	Health-2/ Flammability-0/Reactivity-0/Special Hazard-Not applicable
HMIS Rating	Health-2/Flammability-0/Reactivity-0/Personal Protection-See Section 8.
Prepared by:	Chemfax Products Ltd., Technical Department
Date Prepared:	18 August, 2011

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Date of Latest Revision: 15 January 2021

Disclaimer

Notice to reader

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