


# Safety Data Sheet

Section 1. Identification	
<b>Product Identifier</b>	G.L.D -60 °C
	<b>Version: 7</b> <b>Effective Date: 15 January 2021</b>
<b>Other Means Of Identification</b>	Gas leak detector
<b>Initial Supplier Identifier</b>	Chemfax Products Ltd. 11444 – 42 Street SE Calgary, AB T2C 5C4 Tel: 403-287-2055
<b>Recommended Use and Restrictions On Use</b>	Gas leak detector for cold conditions. No restrictions.
<b>Product Family</b>	Blend
<b>Emergency Phone</b>	1-855-887-2055 Monday - Friday 8:00am - 4:30pm MST

Section 2. Hazard Identification	
<b>Hazard Classification</b>	
<b>Health Hazards</b>	Skin Corrosion/Irritation – Category 2 Eye Damage/Irritation - Category 2B
<b>Signal Word</b>	Warning
<b>Hazard Statement</b>	Causes skin irritation. Causes eye irritation
<b>Precautionary Prevention Statement</b>	Wash hands thoroughly after handling. Wear protective gloves
<b>Precautionary Response Statement</b>	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.
<b>Precautionary Storage Statement</b>	None

# Safety Data Sheet

<b>Precautionary Disposal Statement</b>	None
<b>Other Hazards</b>	None

<b>Section 3. Composition / Information on Ingredients</b>			
<b>Chemical Name</b>	<b>Common Name or Synonyms</b>	<b>CAS NO. and Other Unique Identifiers</b>	<b>% by weight</b>
Sodium nitrilotriacetate monohydrate	Sodium NTA	18662-53-8	1 - 5
Sodium lauryl sulphate	Sodium dodecyl sulphate	151-21-3	1 - 5
Balance of ingredients are considered non-hazardous and constitute a proprietary blend.			

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

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

## Safety Data Sheet

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

Section 7. Handling and Storage	
<b>Precautions For Safe Handling</b>	Keep containers closed when not in use
<b>Conditions For Safe Storage</b>	Store in a cool, well ventilated area.

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

Section 9. Physical and Chemical Properties	
<b>Appearance</b>	Pink viscous liquid
<b>Odour</b>	Fruity Odour



Manufacturer of Specialty Chemicals

## Safety Data Sheet

<b>Odour Threshold</b>	Not available.
<b>pH</b>	7-8
<b>Flash Point</b>	> 93 °C
<b>Boiling Point and Boiling Range</b>	No data
<b>Melting Point and Freezing Point</b>	-60 °C
<b>Evaporation Rate</b>	No data
<b>Flammability (solid, gas)</b>	Not applicable
<b>Upper and Lower Flammability or Explosive Limits</b>	No data
<b>Vapour Pressure</b>	No data
<b>Vapour Density</b>	No data
<b>Relative Density</b>	1.05
<b>Solubility</b>	Soluble
<b>Partition co-efficient, n-Octanol/Water</b>	No data
<b>Auto-ignition Temperature</b>	No data
<b>Decomposition Temperature</b>	No data
<b>Viscosity</b>	No data

Section 10. Stability and Reactivity	
<b>Reactivity</b>	Stable
<b>Chemical Stability</b>	Stable
<b>Possibility of Hazardous Reactions</b>	Will not occur
<b>Conditions to Avoid</b>	None known
<b>Incompatible Materials</b>	Contact with strong acids, strong oxidizing agents, alkalis and reducing agents.
<b>Hazardous Decomposition Products</b>	Will not decompose under normal conditions of use

Section 11. Toxicological Information			
Component Toxicity	LD50 Oral	LD50 Dermal	LC50 Inhalation
Sodium nitrilotriacetate monohydrate	1100mg/kg (Rat)	>10,000mg/kg (Rabbit)	
Sodium lauryl sulphate	800-2700mg/kg (Rat)	>10,000mg/kg (Rabbit)	
<b>Likely Routes of Exposure</b>			
<b>Skin:</b>	May cause severe skin burns.		
<b>Eyes:</b>	May cause severe burns and even permanent blindness.		

## Safety Data Sheet

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

### Section 12. Ecological Information

<b>Ecotoxicity</b>	Sodium nitrilotriacetate monohydrate: 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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Manufacturer of Specialty Chemicals

## Safety Data Sheet

<b>Persistence and Degradability</b>	Expected to readily biodegrade
<b>Bioaccumulative Potential</b>	Not available
<b>Biodegradability</b>	All components and final product are considered readily biodegradable
<b>Mobility in Soil</b>	Not available
<b>Other Adverse Effects</b>	None known

### Section 13. Disposal Considerations

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

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

### Section 15. Regulatory Information

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

# Safety Data Sheet

<b>Section 16. Other Information</b>	
<b>NFPA Rating</b>	Health-2/ Flammability-0/Reactivity-0/Special Hazard-Not applicable
<b>HMIS Rating</b>	Health-2/Flammability-0/Reactivity-0/Personal Protection-See Section 8.
<b>Prepared by:</b>	Chemfax Products Ltd., Technical Department
<b>Date Prepared:</b>	18 July, 2013
<b>Date of Latest Revision:</b>	15 January 2021
<b>Disclaimer</b>	
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