

# Safety Data Sheet

Section 1. Identification	
<b>Product Identifier</b>	Ultra Clean
	<b>Version:</b> 7 <b>Effective Date:</b> 25 January 2021
<b>Other Means Of Identification</b>	None
<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>	Dish wash detergent for sink washing. 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 2A
<b>Signal Word</b>	Warning
<b>Hazard Statement</b>	Causes skin irritation. Causes serious eye irritation.
<b>Precautionary Prevention Statement</b>	Wash hands thoroughly after handling. Wear protective gloves, and eye & face protection.
<b>Precautionary Responses Statement</b>	IF ON SKIN: Wash with plenty water. Specific Treatment: Do not induce vomiting unless directed by medical personnel. If skin irritation occurs: Seek medical attention. Remove 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, seek medical attention.
<b>Precautionary Storage Statement</b>	No statement

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<b>Precautionary Disposal Statement</b>	No statement
<b>Other Hazards</b>	None

### Section 3. Composition / Information on Ingredients

Chemical Name	Common Name or Synonyms	CAS NO. and Other Unique Identifiers	% by weight
Sodium nitrilotriacetate hydrate	NTA	18662-53-8	1 - 5
Balance of ingredients are considered non-hazardous and constitute a proprietary blend			

### Section 4. First-Aid Measures

<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>	Skin and eye irritation. If ingested has a laxative effect.
<b>Immediate Medical Attention and Special Treatment</b>	Rinse with plenty of water.

### Section 5. Fire-Fighting Measures

<b>Suitable and Unsuitable Extinguishing Media</b>	Use extinguishing media suitable for the surrounding fire.
<b>Hazardous Combustion Products</b>	Oxides of carbon
<b>Specific Hazards Arising From The Product</b>	None known
<b>Special Protective Equipment and</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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<b>Precautions For Fire-Fighters</b>
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## Section 6. Accidental Release Measures

<b>Personal Precautions, Protective Equipment and Emergency Procedures</b>	Gloves (nitrile), safety glasses and coveralls. Isolate area. Surface might be slippery.
<b>Environmental Precautions</b>	Large quantities of the concentrated material should not be allowed to enter surface water systems 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

Control Parameters	TWA: 8 Hr	STEL: 15 min	Ceiling	IDLH *
	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 coveralls.			
<b>Respiratory Protection</b>	Not required under normal conditions of use.			

## Section 9. Physical and Chemical Properties

<b>Appearance</b>	Viscous yellow liquid
<b>Odour</b>	Lemon scent
<b>Odour Threshold</b>	Not available.
<b>pH</b>	7



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<b>Flash Point</b>	>100 °C
<b>Boiling Point and Boiling Range</b>	No data
<b>Melting Point and Freezing Point</b>	0 °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>	1.025
<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>	Strong oxidizing agents.
<b>Hazardous Decomposition Products</b>	Will not decompose under normal conditions of use

### Section 11. Toxicological Information

<b>Component Toxicity</b>	<b>LD50 Oral</b>	<b>LD50 Dermal</b>	<b>LC50 Inhalation</b>
Sodium nitrilotriacetate hydrate	1100mg/kg (Rat)	>10,000mg/kg (Rabbit)	
<b>Likely Routes of Exposure</b>			
<b>Skin:</b>	May cause drying and redness with repeated and extended exposure.		
<b>Eyes:</b>	May cause irritation or burns.		
<b>Inhalation:</b>	Not expected to cause any problems under normal conditions of use.		
<b>Ingestion:</b>	May cause digestive tract disturbances.		

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<b>Acute Toxicity Estimates (ATE)</b>	No data
<b>STOT (Specific Target Organ Toxicity) – Single Exposure</b>	Not classified
<b>Aspiration Toxicity</b>	Not classified
<b>STOT (Specific Target Organ Toxicity) – Repeated Exposure</b>	Not classified
<b>Skin Corrosion / Irritation</b>	Irritant
<b>Serious Eye Damage / Irritation</b>	Irritant
<b>Respiratory or Skin Sensitization</b>	Not classified
<b>Carcinogenicity</b>	Sodium nitrilotriacetate hydrate produced tumours in laboratory animals at dose levels that exceed the maximum tolerated dose.
<b>Reproductive Toxicity</b>	
- <b>Sexual Function and Fertility</b>	Not classified
- <b>Development of Offspring</b>	Not classified
- <b>Effects on or via Lactation</b>	Not classified
<b>Germ Cell Mutagenicity</b>	Not classified
<b>Interactive Effects</b>	Not classified
<b>Other Information</b>	None known

<b>Section 12. Ecological Information</b>	
<b>Ecotoxicity</b>	Sodium nitrilotriacetate 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
<b>Persistence and Degradability</b>	Will not persist
<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 Information</b>	None known

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## Section 13. Disposal Considerations

<b>Disposal Considerations</b>	Dispose of contents / container in accordance with local 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

## Section 16. Other Information

<b>NFPA Rating</b>	Health-1/ Flammability-0/Reactivity-0/Special Hazard-Not applicable
<b>HMIS Rating</b>	Health-1/Flammability-0/Reactivity-0/Personal Protection-See Section 8.
<b>Prepared by:</b>	Chemfax Products Ltd., Technical Department
<b>Date Prepared:</b>	17 August, 2012
<b>Date of Latest Revision:</b>	25 January 2021

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**Disclaimer**

Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

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