


Safety Data Sheet

Section 1. Identification	
Product Identifier	Ultra Clean
	Version: 6 Effective Date: 10 July, 2017
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	Dish wash detergent for sink washing. No restrictions.
Product Family	Blend
24 Hour Emergency	Canutec (613) 996-6666

Section 2. Hazard Identification	
Hazard Classification	
Health Hazards	Skin Corrosion/Irritation – Category 2 Eye Damage/Irritation - Category 2A
Signal Word	Warning
Hazard Statement	Causes skin irritation. Causes serious eye irritation.
Precautionary Prevention Statement	Wash hands thoroughly after handling. Wear protective gloves, and eye & face protection.
Precautionary Responses Statement	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.
Precautionary Storage Statement	No statement



Safety Data Sheet

Precautionary Disposal Statement	No statement
Other Hazards	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

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

Section 5. Fire-Fighting Measures

Suitable and Unsuitable Extinguishing Media	Use extinguishing media suitable for the surrounding fire.
Hazardous Combustion Products	Oxides of carbon
Specific Hazards Arising From The Product	None known
Special Protective Equipment and	Fire fighters should wear self-contained breathing apparatus and full protective clothing. Use water spray to cool containers and structures exposed to fire.

Safety Data Sheet

Precautions For Fire-Fighters

Section 6. Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures	Gloves (nitrile), safety glasses and coveralls. Isolate area. Surface might be slippery.
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 coveralls.			
Respiratory Protection	Not required under normal conditions of use.			

Section 9. Physical and Chemical Properties
--

Appearance	Viscous yellow liquid
Odour	Lemon scent
Odour Threshold	Not available.
pH	7



Manufacturer of Specialty Chemicals

Safety Data Sheet

Flash Point	>100 °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	Strong oxidizing 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 hydrate	1100mg/kg (Rat)	>10,000mg/kg (Rabbit)	
Likely Routes of Exposure			
Skin:	May cause drying and redness with repeated and extended exposure.		
Eyes:	May cause irritation or burns.		
Inhalation:	Not expected to cause any problems under normal conditions of use.		
Ingestion:	May cause digestive tract disturbances.		

Safety Data Sheet

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

Section 12. Ecological Information	
Ecotoxicity	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
Persistence and Degradability	Will not persist
Bioaccumulative Potential	Not available
Biodegradability	All components and final product are considered readily biodegradable
Mobility in Soil	Not available
Other Information	None known

Safety Data Sheet

Section 13. Disposal Considerations

Disposal Considerations	Dispose of contents / container in accordance with local regulations.
--------------------------------	---

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-1/ Flammability-0/Reactivity-0/Special Hazard-Not applicable
HMIS Rating	Health-1/Flammability-0/Reactivity-0/Personal Protection-See Section 8.
Prepared by:	Chemfax Products Ltd., Technical Department
Date Prepared:	17 August, 2012
Date of Latest Revision:	10 July, 2017

Safety Data Sheet

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.

Chemfax Products Ltd. expressly disclaims all expressed or implied warranties of merchantability and fitness for a particular purpose with respect to the product provided.