



Manufacturer of Specialty Chemicals

Safety Data Sheet

Section 1. Identification		
Product Identifier	Congo	Version: 2 Effective Date: 30 October, 2015
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	Organic Salt, Concrete and Scale Remover No Restrictions	
Product Family	Salt	
24 Hour Emergency	Canutec (613) 996-6666	

Section 2. Hazard Identification	
Hazard Classification	
Health Hazard	Skin Corrosion/Irritation – Category 1 Eye Damage/Irritation- Category 1
Signal Word	Danger
Hazard Statement	Causes sever skin burns and serious eye damage.
Precautionary Prevention Statement	Do not breathe dusts or mists. Wash hands thoroughly after handling. Wear protective gloves, clothing, eye and face protection.
Precautionary Response Statement	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower if on clothing. Wash contaminated clothing before reuse. IF INHALED: Remove person to fresh air and keep comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a doctor. Specific Treatment: do not induce vomiting unless directed by medical personnel. Treat symptomatically.
Precautionary Storage Statement	Store locked up
Precautionary Disposal Statement	Dispose of contents / container in accordance with local regulations.
Other Hazards	None



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Section 3. Composition / Information on Ingredients			
Chemical Name	Common Name or Synonyms	CAS NO. and Other Unique Identifiers	% by weight
Urea hydrochloride	None	506-89-8	60 -70
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	Immediately flush skin with running water. Remove and isolate contaminated clothing and shoes. Get medical attention if irritation develops and persists.
Inhalation	Remove victim to fresh air. If there is difficulty breathing, seek immediate medical attention.
Ingestion	If symptoms develop obtain medical attention or call POISON CONTROL CENTER. Do not induce vomiting unless directed to do so by medical personnel. If spontaneous vomiting occurs, keep head below hips to prevent aspiration of vomitus.
Most Important Symptoms and Effects Both Acute and Delayed	Causes skin and eye irritation.
Immediate Medical Attention and Special Treatment	Wash affected area with plenty of water.

Section 5. Fire-Fighting Measures	
Suitable and Unsuitable Extinguishing Media	Use dry chemical, CO ₂ , water spray (fog) or foam.
Hazardous Combustion Products	Carbon monoxide, Oxides of Nitrogen
Specific Hazards Arising From the Product	Thermal decomposition may evolve toxic and corrosive gases and fumes.
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	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Do not breathe vapour or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
Environmental Precautions	Avoid dispersal of spilled material, runoff and contact with soil, waterways, drains and sewers.
Methods and Materials for Containment and Clean-Up	Stop leak if without risk. Move containers from spill area. Absorb with an inert material. Dispose of via licensed waste disposal contractor. In case of larger spills approach release from upwind. Dike spill area and do not allow product to reach sewer system or ground water. Notify any reportable spill to authorities. Contain and collect spill with non-combustible material i.e. sand, earth, diatomaceous earth and place the container for disposal according to local regulations.

Section 7. Handling and Storage	
Precautions For Safe Handling	Put on appropriate personal protective equipment, i.e. respirator if area not ventilated, chemical resistant gloves, safety goggles, face shield, and protective clothing to cover skin. Eating, drinking and smoking is prohibited in areas where this material is handled and stored. Use only with adequate ventilation. Do not reuse empty container.
Conditions For Safe Storage	Store in accordance with local regulations. Store in segregated and approved area. Eliminate all sources of ignition. Store in dry, cool and well-ventilated area, away from oxidizing and reducing material and acids.

Section 8. Exposure Controls / Personal Protection				
Control Parameters	TWA: 8 Hr	STEL: 15 min	Ceiling	IDLH *
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Exposure Controls	Local exhaust ventilation			
Appropriate Engineering Controls	Ensure eye wash station and safety shower are available.			
Individual Protective Measures				
Eye / Face Protection	Wear chemical safety goggles. When transferring material wear face-shield in addition to chemical safety goggles.			
Skin Protection	Wear long sleeves and other protective clothing to prevent repeated or prolonged skin contact.			

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Respiratory Protection	If a risk assessment indicates it is necessary, use a properly fitted supplied air respirator complying with and approved standards. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.
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Section 9. Physical and Chemical Properties

Appearance	Clear liquid
Odour	Mild
Odour Threshold	Not available.
pH	<1
Flashpoint	> 100 °C
Boiling Point and Boiling Range	99 °C
Melting Point and Freezing Point	Not determined
Evaporation Rate	Not determined
Flammability (solid, gas)	Not applicable
Upper and Lower Flammability or Explosive Limits	No data
Vapour Pressure	Not determined
Vapour Density	Not determined
Relative Density	1.21
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	Reacts with strong bases
Chemical Stability	The product is stable
Possibility of Hazardous Reactions	It may react with aluminium with the liberation of flammable hydrogen gas
Conditions to Avoid	Do not allow vapour to accumulate in low or confined area.
Incompatible Materials	Oxidizing and reducing agents.
Hazardous Decomposition Products	Under normal storage condition decomposition will not occur.

Section 11. Toxicological Information

Component Toxicity	LD50 Oral	LD50 Dermal	LC50 Inhalation
Urea Hydrochloride	1121 mg/kg	No data	No data



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Likely Routes of Exposure	
Skin:	May be corrosive.
Eyes:	Can cause irritation and damage to eyes.
Inhalation:	May cause irritation of the upper respiratory tract.
Ingestion:	May be irritating to mouth, throat and stomach.
Acute Toxicity Estimates (ATE)	Not classified
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	Irritating
Serious Eye Damage / Irritation	Irritating
Respiratory or Skin Sensitization	Not classified
Carcinogenicity	No information available.
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	Not available
Persistence and Degradability	Will not persist
Bioaccumulative Potential	Not available
Biodegradability	Not available
Mobility in Soil	Not available
Other Adverse Effects	None known

Section 13. Disposal Considerations

Disposal Considerations	Dispose of in accordance with local, provincial and federal regulations
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Section 14. Transport Information	
UN Number	3265
UN Proper Shipping	Corrosive Liquid, Organic, N.O.S. (Urea Hydrochloride)
Transport Hazard Class(es)	III
Packaging Group	8
Environmental Hazards	Not applicable
Bulk Transport	Not applicable
Special Precaution	Not applicable
DOT Erg#	154

Section 15. Regulatory Information	
Canada – DSL Inventory	All components of this product are either on the Domestic Substances List (DSL) or 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-1/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:	30 October, 2015
Date of Latest Revision:	28 January, 2017
Disclaimer	
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