

MATERIAL SAFETY DATA SHEET

Section I – Chemical Product and Company Identification

IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Company: Mackay Cleaning Supplies
Address: Unit 1 Concept Place, 25 Transport Avenue, Paget, Mackay, QLD, 4740
Phone: 07 4952 2833 Fax:07 4952 6373
Emergency Telephone Number: Poisons Information Centre 131126 or company 07 4952 2833

Section II – Composition/Information on Ingredients

If present, IARC, NTP and OSHA carcinogens and chemicals subject to the reporting requirements of SARA title III, Section 313 may be identified in this Section.

Ingredient	CAS#	% (By Weight)
Urea Hydrochloride	506-89-8	0-50%
Water		Balance

OSHA HAZARDOUS COMPONENTS (29 CFR 1910.1200)

EXPOSURE LIMITS

OSHA PEL ACGIH TLV

Urea Hydrochloride None Established None Established

Section III – Hazards Identification

May aggravate preexisting eye, skin or respiratory tract conditions upon contact.

Ingestion: May be harmful if swallowed or inhaled. Irritation to the mouth, throat, and stomach.
Skin: Contact causes mild skin irritation.
Inhalation: Vapors are irritation to the eye, nose, throat, and lungs.
Eye: Can cause severe eye irritation.

HMIS Rating:

Health: 2

Flammability: 0

Reactivity: 2

Personal Protection Index: X

Section IV – First Aid Measures

If Swallowed: For larger amounts, do NOT induce vomiting, but give one or two glasses of water to drink and seek immediate medical attention. Never give anything by mouth to an unconscious person.

Skin Contact: In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Seek medical attention if irritation develops or persists.

If Inhaled: Remove to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Seek immediate medical attention.

Eyes: Hold eyelids apart and flush eyes with plenty of water for at least 15 minutes. Seek immediate medical attention.

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Section V - Fire Fighting Measures

Flash Point: NA

Auto Ignition: NA

UEL: NA

LEL: NA

Hazardous Products of Combustion: Combustion may produce hydrogen gas, a highly flammable gas.

Extinguishing Agents: Water, carbon dioxide foam or dry powder.

Special Fire Fighting Procedures: As in any fire, wear self contained breathing apparatus pressure-demand NIOSH/ MSHA approve (or equivalent) and full protective gear. Avoid breathing smoke, fumes and decomposition products.

Unusual Fire And Explosion Hazards: At temperatures above 140°F, reaction with metals may release hydrogen, a highly flammable gas.

Section VI - Accidental Release Measures

Procedure For Cleanup: Wear appropriate personal protective equipment. Avoid breathing vapor. Ventilate spill area. Absorb spill with inert material. Treat or dispose of waste material in accordance with all local, state/provincial, and federal requirements. Flush spill area with water.

Section VII - Handling and Storage

Avoid breathing vapor or mist. Avoid contact with eyes. Do not get on skin and clothing. Follow all MSDS/label precautions even after container is emptied because they may retain product residue. Keep container closed to avoid contamination. Store in cool dry area.

Section VIII - Exposure Controls/Personal Protection

Respiratory Protection: If engineering controls do not maintain airborne concentrations below recommended exposure limits, a NIOSH/MSHA approved (or equivalent) must be used.

Ventilation: Use only with adequate ventilation. Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits.

Skin Protection: Nitrile, neoprene, or natural rubber gloves. Wear protective gloves to minimize skin contamination.

Eye Protection: Wear safety glasses with side shields (or goggles) and a face shield.

Section IX – Physical and Chemical Properties

Form: Liquid

Appearance: Orange

Odor: Characteristic

Specific Gravity: 1.140 (water = 1)

Solubility in Water: Soluble

Section X - Stability and Reactivity

Stability: Stable

Incompatibility (materials to avoid): Avoid contact with strong alkali, oxidizing agents and reducing agents. Avoid contact with metals.

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Hazardous Decomposition or Combustion: Thermal decomposition may produce hydrogen gas which is flammable and explosive. Burning may produce oxides of carbon, nitrogen and chlorine. Hydrogen gas may be released upon contact with metals.

Section XI - Toxicological Information

No information is available.

Section XII - Ecological Information

No information is available.

Section XIII - Disposal Considerations

Treat or dispose of waste material in accordance with all local, state/provincial, and federal requirements.

Section XIV - Transportation Information

Transportation Data/DOT

Shipping Description: Not DOT Regulated

Section XV - Regulatory Information

Sara Title III Categories

Immediate (Acute Health Hazard) Yes

Delayed (Chronic Health Hazard) No

Fire Hazard No

Sudden Release of Pressure Hazard No

Reactivity Hazard Yes

WHMIS Hazard Symbols: None

This material or all of its components are listed on the Inventory of Existing Chemical Substances under the Toxic Substance Control Act (TSCA).

Section XVI - Other Information

Further Information may be obtained by contacting the company on 07 4952 2833.

The information sourced for the preparation of this document was correct and complete at the time of writing to the best of the writer's knowledge. The document represents the commitment to the company's responsibilities surrounding the supply of this product, undertaken in good faith. This document should be taken as a safety guide for the product and its recommended uses but is in no way an absolute authority. Please consult the relevant legislation and regulations governing the use and storage of this type of product.