

Safety Data Sheet: Best Lime Scale Eliminator 25-4860B SDS

Date of Issue: 2025-02-10

Section 1: PRODUCT & COMPANY IDENTIFICATION

Product Name: Best Lime Scale Eliminator #98444



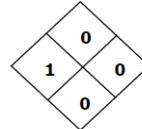
Company: UTILITY Enterprises, Inc.
700 Main Street
Westbury, NY 11590

Emergency Phone: Infotrac: 1-800-535-5053

Section 2: HAZARDS IDENTIFICATION

Emergency Overview: CAUTION. Irritant. This is a blue colored liquid.

Routes of Exposures: Eye Contact, Skin Contact, Inhalation



NFPA/HMIS Rating:

Health = 1 = slight

Fire, Reactivity, and Special = 0 = minimal

Potential Health Effects

Eye Contact: Eye irritant.

Skin Contact: Substance may cause slight skin irritation.

Ingestion: May cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Inhalation: No adverse effects expected under typical use conditions.

Medical Conditions Aggravated by Exposure: Dermally sensitive users may experience dry skin.

Target Organs: None.

Environmental Effects: Not harmful.

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

| <u>Ingredient</u> | <u>CAS Number</u> | <u>Percent Range</u> |
|--------------------|-------------------|----------------------|
| Water | 7732-18-5 | 74-87% |
| Urea Hydrochloride | 506-89-8 | 13-26% |

Section 4: FIRST AID MEASURES

If Inhaled: If adverse effect occurs, move to fresh air.

If on skin: If adverse effect occurs, rinse skin with water.

If in eyes: Flush with plenty of water. After 5 minutes of flushing, remove contact lenses, if present. Continue flushing for at least 10 more minutes. If irritation persists seek medical attention.

If ingested: Drink plenty of water to dilute.

Section 5: FIRE FIGHTING MEASURES

Flammability: Non-flammable

Flash Point: Non-flammable

Suitable Extinguishing Media: Use Dry chemical, CO₂, water spray or "alcohol" foam.

Extinguishing Media to Avoid: High volume jet water.

Products of Combustion: In event of fire created carbon oxides.

Special Protective Equipment: Wear positive pressure self-contained breathing apparatus; Wear full protective clothing.

Section 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions: See section 8 – personal protection.

Environmental Precautions: Do not allow into open waterways and ground water systems. EPA D002

Method for Containment: Dike or soak up with inert absorbent material.

Method for Clean Up: Dilute with water and rinse into sanitary sewer system or place absorbent material in waste

Section 7: HANDLING AND STORAGE

Handling: Keep container tightly closed. Ensure adequate ventilation. Keep out of reach of children.

Storage: Keep in cool dry area.

Section 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

| Exposure Limit Values: | OSHA PEL | ACGIH TLV |
|---------------------------|----------|-----------|
| No reportable ingredients | | |

Exposure Controls:

Eye Contact: Use protective glasses if splashing or spray-back is likely.

Respiratory: Use in well ventilated areas.

Skin Contact: Prolonged exposure or dermal sensitive individuals should use protective gloves.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

| | | | |
|--------------------------|------------------------|----------------------------------------|---------------------|
| Appearance: | Blue | Odor: | No appreciable odor |
| Physical State: | Liquid | Odor Threshold: | Not available |
| Boiling Point: | ~212°F (100 °C) | Flash Point: | Not applicable |
| Freezing Point: | ~ 32°F (0 °C) | Flammability: | Not applicable |
| Specific Gravity: | 1.015 – 1.030 | Autoignition Temperature: | Not applicable |
| Evaporation Rate: | Not determined | Decomposition Temperature: | Not determined |
| Vapor Pressure: | Not determined | Density: | 8.47 – 8.59 lb/gal |
| Vapor Density: | Not determined | Water Solubility: | 100% |
| pH: | 1.0 – 2.0 | Partial Coefficient: | Not determined |
| VOCs: | CARB Method 310 - 0.0% | VOC Composite Partial Pressure: | Not determined |
| Nutrients: | Not applicable | | |

Section 10: STABILITY AND REACTIVITY

Stability: Stable under normal conditions 70°F (21°C) and 14.7 psig (760 mmHg).

Reactivity: Reactive

Conditions to Avoid: Excessive heat or prolonged direct sunlight.

Incompatible Materials: Do not mix with strong oxidizers (Hydrogen Peroxide, "bleach", Sodium Hypochlorite), acids, strong alkalines, disinfectants, antibacterials, antimicrobials bathroom cleaners or any type of stain remover.

Hazardous Decomposition Products: Normal products of combustion - CO, CO₂

Possibility of Hazardous Reactions: Possible with misuse of product.

Section 11: TOXICOLOGICAL INFORMATION

Effects of Exposure: Not expected to be hazardous under typical use conditions.

Acute Toxicity: Oral LD₅₀ (rat) > 5 g/kg body weight

Dermal LD₅₀ (rabbit) > 5 g/kg body weight

calculated via OECD Harmonized Integrated Classification System for Human Health & Environmental Hazards of Chemical Substances & Mixtures

Carcinogens: No ingredients are listed by OSHA, IARC, or NTP as known or suspected carcinogens.

Section 12: ECOLOGICAL INFORMATION

Aquatic Toxicity: Low, based on toxicology profile of ingredients.

Terrestrial Toxicity: Low, based on toxicology profile of ingredients

Persistence and degradability: Biodegradable, based on biodegradability profile of ingredients

Mobility: No data available.

Bioaccumulation: Not applicable.

Section 13: DISPOSAL CONSIDERATIONS

Appropriate Method for Disposal:

Unused Product: *Dilute with water to use concentration and dispose by sanitary sewer.

Used Product: * Used product may be hazardous depending on the cleaning application and resulting contaminants.

Empty Containers: *Triple-rinse with water and offer for recycling if available in your area. Otherwise, dispose as non-hazardous waste.

*Dispose of used or unused product, and empty containers in accordance with the local, State, Provincial, and Federal regulations for your location. Never dispose of used degreasing rinsates into lakes, streams, and open bodies of water or storm drains.

Section 14: TRANSPORT INFORMATION

U.S. Department of Transportation (DOT) / Canadian TDG: Not Regulated

IMO / IMDG: Not classified as Dangerous

ICAO/ IATA: Not classified as Dangerous

ADR/RID: Not classified as Dangerous

| | | | |
|---------------|---------------|-----------------------|--------------------|
| U.N. Number | Not Required | Proper Shipping Name: | Detergent Solution |
| Hazard Class: | Non-Hazardous | Marine Pollutant: | No |

Section 15: REGULATORY INFORMATION

All components are listed on: EINECS, TSCA, DSL and AICS Inventory.

No components listed under: Clean Air Act Section 112; Clean Water Act 307 & 311

SARA Title III No reportable ingredients

RCRA Status: EPA D002 CERCLA Status: No components listed

State Right To Know Lists

No reportable ingredients

WHMIS Classification – Category D, subcategory 2B, eye irritant

| Name | Toxic Substances List – Schedule 1 – CEPA (Canadian Environmental Protection Act) | NPRI Inventory |
|------|--------------------------------------------------------------------------------------|----------------|
|------|--------------------------------------------------------------------------------------|----------------|

| | | |
|------|----|----|
| None | No | No |
|------|----|----|

This product has been classified according to the hazard criteria of the CPR and the MSDS contains all the information required by Canada's Controlled Products Regulation.

Section 16: OTHER INFORMATION

Disclaimer

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