



# Lime-A-Way® Multipurpose Lime Scale Remover

## CLASSIFICATION

- ▲ Lime Scale Remover

## PRODUCT DESCRIPTION

- ▲ Lime-A-Way Multipurpose Lime Scale Remover is formulated to remove lime scale. Lime-A-Way Multipurpose Lime Scale Remover helps extend equipment life when used routinely. Lime-A-Way Multipurpose Lime Scale Remover is not for use as a medical instrument sterilant or high level disinfectant.

## FEATURES AND BENEFITS

Feature	Benefit
Organic acid system provides high effectiveness in removal of deposits of lime, iron, scale, milkstone and uric acid.	Saves costs of equipment replacement by keeping equipment clean and free of damaging deposits.
Contains a corrosion inhibitor. Provides fast, effective performance without the hazards of strong mineral acids.	Reduced hazard of worker injury, or damage to equipment.
Economical, versatile concentrate that's dilutable to fit the need, so there's no necessity to buy multiple products.	Saves money by reducing number of products needed in inventory.
Free rinsing formulation with low foaming, biodegradable surfactants leave areas spot and film free with minimal rinsing.	Saves labor time, saves money. More environmentally friendly.

### Uses

- ▲ Lime Scale Remover

### Warnings

- ▲ For Industrial Use Only - Not For Household Use
- ▲ Keep Out Of Reach Of Children
- ▲ Danger! Causes Respiratory Tract, Digestive Tract, Eye And Skin Burns. Do Not Mix Or Use With Chlorine Based Products As Hazardous Vapors May Result. Wear Impervious Gloves, Chemical Splash Goggles And Apron. Wash Thoroughly After Handling.

## DIRECTIONS FOR USE

### Directions For Deliming Dishmachines:

- ▲ Fill tank to 2 to 3 inches below overflow. Turn on tank heaters. Add entire contents of container of Lime-A-Way Multipurpose Lime Scale Remover and run machine until lime scale disappears. Apply full strength where spray does not reach. Scrape off heavy lime build-up. Drain tank. Refill with potable water. Run machine 5 minutes and drain.
- ▲ Delime as necessary to prevent reoccurrence of lime scale.

### Directions For Deliming Steam Tables:

- ▲ Brush or spray Lime-A-Way Multipurpose Lime Scale Remover full strength on interior surfaces. Let stand 10 minutes, then fill with water. Turn on heat and bring to operating temperature. Let stand 10 minutes. Brush or scrape off remaining deposits. Drain and flush thoroughly with potable water.

### Directions For Descaling Coffee Urns:

- ▲ Fill urn jacket with hot water. Add 1 U.S. fl. oz. Lime-A-Way Multipurpose Lime Scale Remover per U.S. gal. (8 ml/L) hot water. Heat and let stand 15 minutes. Drain and rinse thoroughly with potable water.

### Directions For Cleaning Aluminum Equipment:

- ▲ Soak utensils in solution of 3 U.S. fl. oz. Lime-A-Way Multipurpose Lime Scale Remover per U.S. gal. (23 ml/L) of hot water until bright. Rinse thoroughly with potable water and drain dry. For large items, apply solution with saturated cloth or sponge. Rinse thoroughly with potable water and drain dry. Avoid prolonged contact with aluminum.
- ▲ Consult your Ecolab Specialist or call 1-800-35-CLEAN (352-5326) for specific use directions, service, or additional information.

## SPECIFICATIONS

<b>Ingredients</b>	Water Methanesulphonic Acid Poloxamer Formula ingredients contain no Phosphorus	7732-18-5 75-75-2 9003-11-6
<b>Physical state</b>	Liquid	
<b>Color</b>	Green	
<b>Odor</b>	Faint odor	
<b>pH</b>	0 to 2 [Conc. (%w/w): 100%]	
<b>Relative Density</b>	1.019 to 1.049 (Water = 1)	
<b>Solubility</b>	Easily soluble in the following materials: cold water and hot water	
<b>Shelf Life</b>	720 days	

## ENVIRONMENT & DISPOSAL

- ▲ Hazard Rating: Health – 3; Flammability – 0; Physical hazards – 0
- ▲ Waste Disposal: The generation of waste should be avoided or minimized wherever possible. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Disposal of this product, solutions and any by-products should at all times comply with the requirement of environmental protection and waste disposal legislation and any regional local authority requirements.
- ▲ Waste Classification: Unused product is D002 (Corrosive)
- ▲ Consult your local or regional authorities.

## STABILITY & STORAGE

- ▲ Stability: Product is stable under normal conditions of storage and use.
- ▲ Handling: Do not ingest. Do not mix with bleach or other chlorinated products – will cause chlorine gas. Do not get in eyes, on skin or on clothing. Do not breathe vapor or spray. Keep container closed. Use only with adequate ventilation. Wash thoroughly after handling.
- ▲ Storage: Keep out of reach of children. Keep container in a cool, well-ventilated area. Keep container tightly closed.
- ▲ Do not store above the following temperature: 50° C.

## FIRST AID MEASURES

- ▲ Eye Contact: In case of contact, immediately flush eyes with cool running water. Remove contact lenses and continue flushing with plenty of water for at least 15 minutes. Get medical attention immediately.
- ▲ Skin Contact: In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention immediately.
- ▲ Wash clothing before reuse. Clean shoes thoroughly before reuse.
- ▲ Inhalation: If inhaled, remove to fresh air. If exposed person is not breathing, give artificial respiration or oxygen applied by trained personnel. Get medical attention immediately.
- ▲ Ingestion: If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention immediately.

## FIRST AID OTHER INFORMATION

- ▲ For additional information, see Material Safety Data Sheet (MSDS).
- ▲ For emergency medical information in USA and Canada call: 1-800-328-0026
- ▲ For emergency medical information worldwide, call: 1-651-222-5352 (in the USA)

**TRANSPORTATION INFORMATION**

Regulatory information	UN number	Proper Shipping Name	Class	Packaging Group	Additional Information
DOT Classification	UN 3265	CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S., (METHANE SULFONIC ACID)	8	III	LTD QTY

Certain shipping modes or package sizes may have exceptions from the transport regulations. The classification provided may not reflect those exceptions and may not apply to all shipping modes or package sizes.

**PACKAGING & PRODUCT NUMBERS**

Size Available	Product Number
4 – 1 U.S. gallon	18700

**Worldwide Headquarters**

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