



PRODUCT SPECIFICATION REPORT

FS LIME REMOVER™

Removes Calcium Deposits, Lime Scale, and Rust Stains.

DESCRIPTION

A liquid acidic detergent formulated to efficiently eliminate lime scale and film from equipment and utensils in kitchens.

FEATURES

- Effective
- Versatile
- Non-fuming
- Brightens

BENEFITS

- Quickly solubilizes and removes scale deposits and “haze” from equipment and utensil surfaces.
- Works efficiently in a variety of applications: from descaling dishwashers to removing film from glassware.
- Specially formulated acid detergent eliminates problems often encountered with acid systems no irritating or corrosive fumes.
- Excellent for renewing original brightness on stainless and aluminum surfaces.

APPLICATIONS

Used to quickly and safely remove lime deposits from dishwashers, coffee urns, ice machines, water coolers, stainless and aluminum equipment and utensils, ceramic glass and plasticware in kitchens.

Bakeries	Eating & Drinking Establishments	Operators of Apartment Building
Cleaning & Maintenance Services	Hotels & Motels	Schools & Educational Services
Dairy Farms	Nursing Homes & Hospitals	

COMPANION PRODUCTS

Zepomatic, Zep FS Bakery Pan Cleaner, Zep FS Floor Cleaner, Zep C.I.P. Cleaner, Zep Perosan, Zep Chlor-2, Zep Paper Towels and Towel Dispensers, Zep Mops, Brooms and Brushes, Zep Trash Receptacles and Bags

SPECIFICATIONS

Physical Form.....Thin, water-based liquid	Shelf Life1 year minimum
Color.....Clear,colorless	D.O.T. ShippingNone
Odor.....Mild, acidic	Density-Specific Gravity10.31 lb./gal. - 1.235
pH (Concentrate).....0.5 to 1.0	
pH (Use dilution 1:5).....1.5 to 2.0	

PACKAGING

Quarts	Gallon	Pail	Drum
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PROD. #2445
500D



Proudly American Made
ZEP MANUFACTURING COMPANY
A division of Acuity Specialty Products Group, Inc.
ATLANTA, GEORGIA 30301
CLEAN ACROSS AMERICA AND
THROUGHOUT THE WORLD™
AcuityBrands.

BEFORE USING THIS PRODUCT,
PLEASE READ THIS ENTIRE LABEL.

KEEP OUT OF REACH OF CHILDREN
FOR INDUSTRIAL AND INSTITUTIONAL
USE ONLY
NOT FOR HOUSEHOLD USE OR RESALE

PRECAUCION

AL USUARIO: Si usted no lee inglés, no use este producto hasta que la etiqueta le haya sido explicada ampliamente.
(TO THE USER: If you cannot read English, do not use this product until the label has been fully explained to you.)

This product is designed exclusively for industrial and institutional use by trained, professional maintenance personnel. Label directions and precautions must be followed exactly. Zep Manufacturing Company will not be responsible for any injury, loss, or damage if product is used in any manner not in compliance with label directions, or if precautions are not observed.

HMIS RATINGS

HEALTH	3	4 EXTREME 3 SERIOUS
FLAMMABILITY	0	2 MODERATE 1 SLIGHT 0 MINIMAL
REACTIVITY	0	
PERSONAL PROTECTION EQUIPMENT	D	Goggles, Gloves, Apron & Boots

ZEP FS LIME REMOVER™

INSTANTLY REMOVES CALCIUM DEPOSITS, LIME SCALE, AND RUST STAINS

USE ON: Glassware, Stainless Steel Equipment, Aluminum Equipment, Coffee Makers, Ice Machines, Pots & Pans, Humidifiers, Porcelain, Chrome, Plastics, Cement, Sinks

DIRECTIONS:

DISHWASHING MACHINES - Add 1 gallon to water in machine and operate until lime deposits are dissolved. Drain and refill with clean water. Operate machine 5 minutes and drain. Repeat deliming procedure as often as needed. **STEAM TABLES & STAINLESS STEEL EQUIPMENT** spray or brush **FS LIME REMOVER** onto steam table or other stainless steel equipment and allow to soak 5 to 10 minutes. Brush to loosen scale and rinse with clean water. May also be used on aluminum. May be diluted up to 4 oz. per gallon if soils are not heavy. **COFFEE URNS** - Mix 1 oz. per gallon of water and operate through cycle to remove scale. Rinse thoroughly prior to use. **CLEANING ALUMINUM EQUIPMENT** - Soak utensils in solution containing 4 oz. per gallon of hot water until brightened. Rinse thoroughly with fresh, hot water and dry. For large surfaces, 1 part **FS LIME REMOVER** with 5 parts warm water, dilute and apply with cloth or sponge. Rinse thoroughly with hot water. Limit contact time with aluminum to avoid damage, normally 5 to 10 minutes is sufficient. **GLASSWARE AND PLASTICS** - To remove lime film (haze) from glass or plasticware, soak in solution containing 4 oz. per gallon of warm water until film is removed. Rinse thoroughly with hot water and dry. **BIODEGRADABLE:** All detergents used in the manufacture of this product are biodegradable.

Repeated exposure can have cumulative effects. Further information on the effects of overexposure is included on the Material Safety Data Sheet, which is available upon request.

Zep advocates limiting exposure to all chemical products. Wear tight-fitting safety goggles during product use and when eye contact is possible, especially when wearing contact lenses. Wear rubber, neoprene, nitrile, or other resistant gloves and acid resistant footwear during use. Remove contaminated clothing promptly and DO NOT rewear until thoroughly cleaned. After handling, always wash hands thoroughly with soap and water.

FIRST AID:

EYES: Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical attention immediately.

SKIN: Immediately flush contaminated skin with plenty of water for at least 15 minutes. Get medical attention if irritation develops.

INHALATION: Move affected person to fresh air. If irritation persists, get medical attention immediately

INGESTION: If this product is swallowed, DO NOT induce vomiting. If affected person is conscious, give plenty of water to drink. Get medical attention at once.

DISPOSAL AND/OR SPILL STATEMENT: As with all cleaning and maintenance procedures, run-off from the cleaning or maintenance process should be diverted to a collection vessel; or, where permitted, to a sanitary sewer (consult local and state regulations) and not allowed to soak into the ground or to enter a storm sewer. If this product is spilled or contaminated and cannot be used, creating the need for disposal, pick up and deposit spilled material in a sealable, D.O.T.-specification container for disposal as a hazardous waste. DO NOT dispose of any spilled product with common trash, since a fire may occur. Rinse area well with water.

STORAGE: Store tightly closed container in dry area at temperatures between 40°F and 120°F.

DANGER!

Contains phosphoric acid.

CAUSES BURNS

HARMFUL IF SWALLOWED

This product can be corrosive to the eyes and may cause blindness. Product can cause severe skin damage. Inhalation of spray mists may cause respiratory tract inflammation or tissue destruction.

DO NOT swallow this product. DO NOT breathe spray mists. Inhalation of spray mists may cause respiratory tract inflammation or tissue destruction. DO NOT allow product to contact skin or clothing.

ZEP MANUFACTURING COMPANY

Your One Source for Cleaning and Maintenance Products

1-877-I BUY ZEP
(1-877-428-9937)