

# Lime Scale Remover

ENVIROCHEM

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**GENERAL DESCRIPTION:** LSR is a fast, versatile, effective cleaner for food service operations, LSR is a unique combination of synthetic detergent and inorganic acid. It rapidly penetrates and removes mineral deposits and hard water films. It cleans and brightens metals quickly and easily, saving time, work, and manpower. Yet, when used as recommended, does not chemically harm copper, iron, stainless steel, or glass.

LSR is formulated for multiple cleaning operations. It can be used for manually cleaning such kitchen equipment as stainless steel table tops, counters, and food preparation equipment. It is recommended for removing hard water scale deposits and is satisfactory for use on stainless steel and cast iron surfaces found in dish-washing machine tanks.

LSR eliminates hard water problems. It does not cloud up in hard water and leaves no film, residues, or deposits. Also, LSR solutions give off no fumes or odors and are not affected by temperature.

## PHYSICAL PROPERTIES:

Chemical composition . . . . . Soil suspending agents, anti redeposition agents, standard acid compound, water treatment agents.

pH . . . . . 1

pH of 1% solution . . . . . 2.1

Specific Gravity . . . . . 1.09 (9.09 pounds per gallon)

Solubility . . . . . Complete and fast

Rinsing . . . . . Complete

Viscosity . . . . . Like water

Foam . . . . . Moderate

Wetting Ability . . . . . Good

Phosphoric Acid . . . . . 20%

Stability . . . . . 1 Year @ Ambient Temperature

## INSTRUCTIONS FOR USE:

**Brush Cleaning:** Use 1 fl. oz. of LSR per gallon of water (8ml/L). Brush until clean and then rinse thoroughly with potable water.

**Soak Cleaning:** (Stainless steel utensils and other small items.) Use 1 fl. oz. of LSR per gallon of water. Soak for ten minutes. Brush if necessary. Rinse thoroughly with potable water.

**Hard Water Film Remover:** Apply LSR at 2-4 fl. oz. per gallon of water. Brush until clean. After 10 minutes, or when surface is clean, flush with potable water.

## Descaling of Commercial Dish Machines:

(1) Add LSR to wash, power rinse, and scrapper tanks at 2-8 fl. oz. per gallon (16-64 ml/L) of water, depending on amount of scale to be removed.

(2) Circulate solution for 10 - 30 minutes at normal machine operating temperatures. Descaling process is enhanced as solution temperatures are increased.

## HANDLING PRECAUTIONS:

**CAUTION - WARNING**  
**KEEP OUT OF REACH OF CHILDREN.**

Acidic liquid. Contact with skin and eyes may cause severe irritation. Harmful if swallowed. Flood with water if splashed in eyes. Flush with water for 15 minutes and consult a physician immediately. If ingested, drink large amounts of milk, milk of magnesia or gelatin, or if these are not available, drink large amounts of water. Do not induce vomiting. Obtain prompt medical attention.

## PACKAGING:

4 /1 gal plastic bottles - 38 lbs. net/41 lbs. gross