

# SHINY NICKEL

## ICE MACHINE CLEANER



### DESCRIPTION

SHINY NICKEL is a non-foaming, non-fuming cleaner that quickly removes scale from stainless steel and nickel-plated steel. Contains special inhibitors to minimize corrosion, while effectively cleaning scale from all metal surfaces. Shiny Nickel is USDA approved for use in federally inspected meat and poultry plants. Removes built-up lime scale eliminating the cause of equipment jamming and improves ice quality and capacity.

### APPLICATIONS

Removes lime scale deposits from ice machines, coffee urns, portable heaters, humidifiers/dehumidifiers and vending equipment.

### FEATURES & BENEFITS

- Quickly removes lime scale
- Safe on nickel-plated and tin-plated evaporators
- Suitable for treating scaled-up water appliances

### SPECIFICATIONS

**FORM:** Water-Based Liquid  
**ODOR:** Mild Acid  
**COLOR:** Turbid, Red Liquid  
**DETERGENCY:** Excellent  
**TOXICITY:** 1 mg/m<sup>3</sup>  
**WETTING ABILITY:** Saturates  
**STORAGE STABILITY:** 1 Year +  
**COLD STABILITY:** 32°F  
**PHOSPHATES:** None

**FLASH POINT:** N/A  
**FLAME EXTENSION:** N/A  
**SOLUBILITY IN WATER:** 100%  
**SPECIFIC GRAVITY:** 1.43  
**% VOLATILE BY VOLUME:** 25%  
**pH:** <1  
**PROPELLANT:** N/A  
**EVAPORATION RATE:** Slow  
**BIODEGRADABILITY:** Yes

### LABEL INFORMATION

#### SHINY NICKEL ICE MACHINE CLEANER

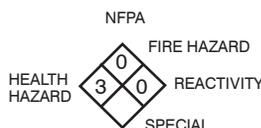
A non-foaming, non-fuming cleaner that quickly removes scale from stainless steel and nickel-plated steel. Contains special inhibitors to minimize corrosion, while effectively cleaning scale from all metal surfaces. Shiny Nickel is USDA approved for use in federally inspected meat and poultry plants. Removes built-up lime scale eliminating the cause of equipment jamming and improves ice quality and capacity.

**DIRECTIONS:** Turn off ice machine. Drain water reservoir and refill with fresh water, adding 3 ounces of Shiny Nickel per gallon of water. Start water circulating pump only and run 15-30 minutes. Use a brush to apply cleaner to scaled surface not adequately contacted by circulating solution. If scale is extra heavy, drain and repeat the cleaning procedure. After scale has been removed, drain and flush at least 2 or 3 times. For stainless steel ice machine drums, add 8 ounces of cleaner per one gallon of water in a plastic container and brush the solution on the scaled areas. After cleaning flush all surfaces thoroughly with fresh water.

**DANGER:** Causes severe burns and eye damage. Do not breathe mists. Wash hands thoroughly after handling. Wear protective gloves and eye protection. If swallowed: Rinse mouth. Do NOT induce vomiting. If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. Wash contaminated clothing before reuse. If inhaled: Remove person to fresh air and keep comfortable for breathing. Immediately call a poison center or doctor. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

**CONTAINS (CAS#):** Phosphoric Acid (7664-38-2), Water (7732-18-5), Citric Acid (77-92-9).

HEALTH	3
FLAMMABILITY	0
REACTIVITY	0
PERSONAL	B



Nonfood Compounds  
A3

### PACKAGING INFORMATION

Available in 4 x 1 gallons and 24 x 8 oz. bottles.