NICKEL GUARD

ICE MACHINE/ MAINTENANCE CLEANER

VAPCO PART NO.

Part Number	Size
NCG-1	1 gallon 4/cs
NGC-16OZ	16 oz 12/cs

DESCRIPTION

NICKEL GUARD is a non-foaming, non-fuming cleaner that quickly removes scale from stainless steel and nickel-plated steel. Contains a blend of organic and inorganic acids that remove lime scale. Special inhibitors are used to minimize corrosion. Recommended for use in all makes of ice machines. Meets USDA standards.

FEATURES AND BENEFITS

- Quickly Removes Lime Scale
- Protects Nickel Plating and Stainless Steel
- Non-Foaming
- Non-Fuming

SPECIFICATIONS

Form: Turbid, Red Liquid | **Odor:** Acid Odor | **Freezing Point:** < 32°F (0°C) | **Flammability:** Not considered a flammable liquid by OSHA | **Vapor Pressure (mm Hg):** 23.8 mmHg @ 77°F (25°C) | **Vapor Density (AIR=1):** 1 | **Evaporation Rate:** < 0.8 (Slow) | **Specific Gravity (H2O=1):** 1.43 @ 77°F (25°C) | **pH:** <1 | **Solubility in Water:** 100% | **Volatility Including Water (%):** 25% | **Volatility Organic Compounds (VOC):** 0%
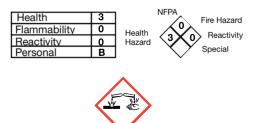
LABEL INFORMATION

NICKEL GUARD is a non-foaming, non-fuming cleaner that works fast to eliminate scale from stainless steel and and nickel-plated steel. Formulated with special inhibitors to minimize corrosion while effectively cleaning scale from all metal surfaces. USDA approved for use in federally inspected meat and poultry plants. Removes built-up lime scale, eliminating the cause of equipment jamming. Improves ice quality and capacity.

DIRECTIONS: Turn off ice machine. Drain water reservoir and refill with fresh water, adding 3 ounces of Nickel Guard 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 process. After scale has been removed, drain and flush at least 2 to 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.

DANGERS: Read and understand the product's label and Safety Data Sheet. Causes severe burns and eye damage. Do not breath mists. Wash hands thoroughly after handling. Wear protective gloves and eye protection. Provide adequate ventilation to keep vapor concentration below TLV. Do not mix with bases, ammonia or other cleaning compounds. May be corrosive to metals.

Health	3
Flammability	0
Reactivity	0
Personal	B

NFPA
Health Hazard

Fire Hazard: 0
Health Hazard: 3
Reactivity: 0
Special

CONTAINS

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

First Aid Measures

Inhalation: Move to fresh air. **Seek medical attention if you feel unwell.**

Skin contact: Take off immediately all contaminated clothing. Rinse skin with water or shower.

Eye Contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. **Seek medical attention if irritation persists.**

Ingestion: Rinse mouth with water. Do NOT induce vomiting unless directed by medical authority. **Seek medical attention.**

Precautions

Do NOT handle or use this product until all safety precautions have been read and understood. Do not take internally. Causes Severe skin burns and eye damage. May be corrosive to metals. Do not breathe mists. Wear protective gloves and eye protection.

Storage

Keep out of reach of children. Store in a cool, dry area away from extremes of temperature. Keep container tightly sealed when not in use. Store locked up.

In Case of Fire

Use appropriate media for surrounding fire. Wear NIOSH approved Self Contained Breathing Apparatus with a full face piece operated in a positive pressure demand mode with full body protective clothing when fighting fires.

Disposal

Dispose of contents in accordance with local/regional/national regulations. Do not reuse container and recycle or place in trash collection.