



May 29, 2019

TECHNICAL DATA REPORT

See SDS for complete safety/technical data

NICKEL GUARD APPLIANCE

ICE MACHINE MAINTENANCE



VAPCO PART NO.

Part Number NGCA-1/2P Size 8 oz 12/cs

First Aid Measures

Inhalation: Remove person to fresh air and keep comfortable for breathing.

Seek medical attention if you feel unwell.

Skin contact: Take off immediately all contaminated clothing. Rinse skin with water or shower. **Seek medical attention if irritation persists.**

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 out with water. Do NOT induce vomiting. **Seek immediate medical attention.**

Precautions

Keep out of reach of children. Do not breathe mists. Wash hands thoroughly after handling. 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 full protective clothing and NIOSH approved SCBA with full facepiece operated in positive pressure or pressure demand. Use water mist to keep material cool in fire situations. Non-combustible.

Disposal

Dispose of in accordance with federal, state, and local regulations. Do not reuse container and recycle or place in trash collection. This product is biodegradable.

DESCRIPTION

NICKEL GUARD APPLIANCE is a nickel safe cleaner that has the same benefits as Nickel Guard, but is formulated for the light duty appliance industry.

FEATURES AND BENEFITS

- Quickly Removes Lime Scale
- Protects Nickel and Tin
- Plated Evaporators
- For Use in All Ice Machine Cleaners

SPECIFICATIONS

Appearance: Light Amber Liquid | **Odor:** Acid Odor | **Freezing Point:** < 32°F (0°C) | **Flammability:** Not considered a flammable solid 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):** 1.37 @ 77°F (25°C) | **pH:** <1 | **Solubility in Water:** 100% | **Volatility Including Water (%):** 44.5% | **Volatile Organic Compounds (VOC):** 0%

LABEL INFORMATION

NICKEL GUARD APPLIANCE 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 form all metal surfaces. Nickel Guard Appliance is 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 8 ounces of Nickel Guard Appliance per gallon of water. Start water circulating pump only and run 15 to 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.

DANGERS: **Read and understand the product's label and Safety Data Sheet.** Causes Severe skin burns and eye damage.



Health	3
Flammability	0
Reactivity	0
Personal	B

NFPA	
Health Hazard	3
Fire Hazard	0
Reactivity	0
Special	0

CONTAINS

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