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## **NICKEL-SAFE ICE MACHINE CLEANER**

### **MSDS Number**

BBCFB

### **National Stock Number**

6850-00D000060

### **Product Name**

NICKEL-SAFE ICE MACHINE CLEANER

### **Manufacturer**

CALGON VESTAL LABORATORIES

### **Product Identification**

Product ID:NICKEL-SAFE ICE MACHINE CLEANER

MSDS Date:12/12/1988

FSC:6850

NIIN:00D000060

MSDS Number: BBCFB

### **Responsible Party**

CALGON VESTAL LABORATORIES

5035 MANCHESTER AVENUE

SAINT LOUIS , MO 63110

US

Emergency Phone: 314-535-1810

Info Phone: 314-862-2000

Preparer: R.C. JENTE

Cage: 19410

### **Contractor**

STERIS CORPORATION, CALGON VESTAL DIV

147

SAINT LOUIS, MO 63166

US

800-548-4873 / 314-535-1810

Cage: 19410

### **Ingredients**

PHOSPHORIC ACID (SARA III)

CAS: 7664-38-2

RTECS: TB6300000

Fraction By Weight:

OSHA PEL1 MG/M3/3 STEL

ACGIH TLV: 1 MG/M3/3 STEL; 9192

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

GLYCOLIC ACID (HYDROXYACETIC ACID)

CAS: 79-14-1



RTECS: MC5250000

Fraction By Weight:

## Hazards

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:ACUTE: EYES- EXTREMELY IRRITATING/CORROSIVE. MAY RESULT IN BURNS. SKIN- SEVERELY IRRITATING/CORROSIVE AND CAN RESULT IN BURNS. INHALATION- IRRITATING TO LUNGS, THROAT AND NASAL PASSAGES. INGESTION- MAY RESULT IN ABDOMINAL HEMORRGAHE, SEVERE PAIN, VOMITING AND LOSS OF CONSCIOUSNESS. NECROSIS OF STOMACH AND GI TRACT.  
Effects of Overexposure:SEVERE IRRITATING AND POSSIBLE BURNS TO ANY AREA THIS PRODUCT COMES INTO CONTACT WITH.

## First Aid

First Aid:EYES- IMMEDIATELY FLUSH THOROUGHLY WITH PLENTY OF WATER FOR AT LEAST 15 MIN. SEEK MEDICAL AID. SKIN- IMMEDIATELY WASH WITH SOAP AND WATER FOR AT LEAST 15 MIN. AFTER REMOVING CONTAMINATED CLOTHING. I NHALATION- REMOVE TO FRESH AIR. IF NOT BREATHING, GIVE NECESSARY ASSISTANCE. INGESTION- DO NOT INDUCE VOMITING. GIVE WATER AND SEEK MEDICAL ATTENTION.

## Fire Fighting

Extinguishing Media:USE MEDIA APPROPRIATE FOR SURROUNDING FIRE.  
Fire Fighting Procedures:RESPIRATORY PROTECTION IS ESSENTIAL.  
Unusual Fire/Explosion Hazard:CONTACT WITH SOME METALS CAN GENERATE HYDROGEN GAS.

## Accidental Release

Spill Release Procedures:CONTAIN SPILL. COVER WITH SODIUM BICARBONATE MIXTURE (50/50). MIX AND ADD WATER TO FORM SLURRY. PLACE IN DOT-APPROVED CONTAINER FOR DISPOSAL. WASH RESIDUE TO SANITARY SEWER WITH LARGE QUANTITIES OF WA TER.  
Neutralizing Agent:SODIUM BICARBONATE

## Handling

Handling and Storage Precautions:DO NOT GET IN EYES, ON SKIN OR CLOTHING. WEAR PROTECTIVE EQUIPMENT WHEN HANDLING THIS MATERIAL. KEEP CONTAINER CLOSED WHEN NOT IN USE.  
Other Precautions:NONE

## Exposure Controls

Respiratory Protection:USE NIOSH-APPROVED RESPIRATOR APPROPRIATE FOR THE CONDITIONS.  
Ventilation:USE WITH GOOD GENERAL ROOM VENTILATION OR DILUTION VENTILATION TO MAINTAIN AIR CONCENTRATIONS BELOW ESTABLISHED LIMITS.  
Protective Gloves:RUBBER  
Eye Protection:CHEMICAL SPLASH GOGGLES  
Other Protective Equipment:RUBBER APRON AND RUBBER BOOTS.  
Work Hygienic Practices:WASH HANDS AFTER HANDLING THIS MATERIAL.  
Supplemental Safety and Health  
NONE

## Chemical Properties

HCC:C1  
Spec Gravity:1.85  
pH:2  
Solubility in Water:COMPLETE  
Appearance and Odor:CLEAR,AMBER SOLUTION WITH CHEMICAL ODOR.  
Percent Volatiles by Volume:

## Stability

Stability Indicator/Materials to Avoid:YES



STRONG ALKALIS AND OXIDIZERS. AVOID PROLONGED CONTACT WITH METALS.  
Stability Condition to Avoid:EXTREME TEMPERATURES.  
Hazardous Decomposition Products:PHOSPHORIC ACID AND PHOSPHOROUS OXIDE  
FUMES. WILL FORM HYDROGEN GAS UPON PROLONGED CONTACT WITH SOME  
METALS.

## **Disposal**

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH ALL FEDERAL,  
STATE, AND LOCAL REGULATIONS.

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