

VIRGINIA ICE MACHINE CLEANER H418-419 (#606)

MSDS Number

BHCCP

National Stock Number

6850-01-169-8438

Product Name

VIRGINIA ICE MACHINE CLEANER H418-419 (#606)

Manufacturer

VIRGINIA KMP CORP

Product Identification

Product ID: VIRGINIA ICE MACHINE CLEANER H418-419 (#606)

MSDS Date: 04/20/1999

FSC: 6850

NIIN: 01-169-8438

MSDS Number: BHCCP

Responsible Party

VIRGINIA KMP CORPORATION

4100-PLATINUM WAY

DALLAS , TX 75237-1616

US

Emergency Phone: (800)424-9300

Info Phone: 214-330-7731

Preparer: J. KENNETH NOVAK

Cage: 58727

Contractor

VIRGINIA CHEMICALS INC CAGE CODE OBSOLETE

UNK, VA 23517-1208

US

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Cage: 58727

Ingredients

PHOSPHORIC ACID (SARA III)

CAS: 7664-38-2

RTECS: TB6300000

OSHA PEL1 MG/M3/3 STEL

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

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

Hazards

LD50 LC50 Mixture: NO DATA PROVIDED BY RESPONSIBLE PARTY.

Routes of Entry: Inhalation: YES Skin: YES Ingestion: YES

Reports of Carcinogenicity: NTP: NO IARC: NO OSHA: NO

Health Hazards Acute and Chronic: EMERGENCY OVERVIEW: CORROSIVE TO ALL BODY TISSUES. CAUSES DESTRUCTION OF EYE AND SKIN TISSUE. HARMFUL IF INHALED OR SWALLOWED. POTENTIAL HEALTH EFFECTS: INHALATION:

CORROSIVE TO RESPIRATORY PASSAGES. MAY CAUSE COUGHING, WHEEZING, LARYNGITIS, SHORTNESS OF BREATH, HEADACHE, NAUSEA. EYE CONTACT: IMMEDIATE IRRITATION AND BURNING FOLLOWED BY DESTRUCTION OF EYE TISSUE. SKIN CONTACT: IMMEDIATE IRRITATION AND BURNING FOLLOWED BY DESTRUCTION OF SKIN TISSUE. MODERATELY TOXIC WHEN ABSORBED THROUGH SKIN. INGESTION: CORROSIVE TO DIGESTIVE TRACT. MAY CAUSE NAUSEA, VOMITING, LOSS OF CONSCIOUSNESS. CHRONIC EFFECTS: KIDNEY AND LIVER DAMAGE.

Explanation of Carcinogenicity:NO DATA PROVIDED BY RESPONSIBLE PARTY.

Effects of Overexposure:INHALATION: MAY CAUSE COUGHING, WHEEZING, LARYNGITIS, SHORTNESS OF BREATH, HEADACHE, NAUSEA. EYE CONTACT: IMMEDIATE IRRITATION AND BURNING FOLLOWED BY DESTRUCTION OF EYE TISSUE. SKIN CONTACT: IMMEDIATE IRRITATION AND BURNING FOLLOWED BY DESTRUCTION OF SKIN TISSUE. INGESTION: MAY CAUSE NAUSEA, VOMITING, LOSS OF CONSCIOUSNESS.

Medical Condition Aggravated by Exposure:AGGRAVATES PRE-EXISTING SKIN DISORDERS.

First Aid

First Aid:INHALATION: REMOVE TO FRESH AIR.IF NEEDED, START ARTIFICIAL RESPIRATION. CALL A PHYSICIAN. EYE:IMMEDIATELY FLUSH EYES WITH WATER FOR 15 MINUTES. CALL A PHYSICIAN. SKIN: FLUSH WITH PLENTY OF WATER & WASH WITH SOAP & WATER FOR 15 MINUTES OR UNTIL ALL TRACES HAVE BEEN REMOVED. SEEK MEDICAL ATTENTION IF SYMPTOMS DEVELOP AND PERSIST. INGESTION: DO NOT INDUCE VOMITING. RINSE MOUTH OUT WITH WATER. GET IMMEDIATE MEDICAL ATTENTION.

Fire Fighting

Autoignition Temp:Autoignition Temp Text:N/E

Extinguishing Media:USE WATER FOG OR SPRAY, CARBON DIOXIDE (CO2), FOAM, OR DRY POWDER.

Fire Fighting Procedures:APPROACH FIRE FROM UPWIND. AVOID BREATHING SMOKE, FUMES, MIST OR VAPORS ON THE DOWNWIND SIDE. FIREFIGHTERS WEAR PROTECTIVE CLOTHING AND SELF-CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:NO DATA PROVIDED BY RESPONSIBLE PARTY.

Accidental Release

Spill Release Procedures:EMERGENCY RESPONSE COORDINATOR MUST HAVE MANDATED TRAINING. ELIMINATE ALL IGNITION SOURCES. PICK UP WITH ABSORBENT MATERIALS & PLACE IN NON-LEAKING CONTAINER, SEAL TIGHTLY FOR DISPOSAL. LARGE SPILLS: EVACUATE HAZARD AREA. WEAR APPROPRIATE RESPIRATOR & PROTECTIVE CLOTHING. SHUT OFF SOURCE OF LEAK IF SAFE TO DO SO. DIKE & CONTAIN. REMOVE WITH VACUUM TRUCKS OR PUMP TO SALVAGE VESSELS.

Neutralizing Agent:SODA ASH (DLA-HMIS).

Handling

Handling and Storage Precautions:ALWAYS ADD ACID TO WATER; NEVER WATER TO ACID. AVOID CONTACT WITH SKIN, EYES AND CLOTHING. AFTER HANDLING THIS PRODUCT, WASH HANDS BEFORE EATING, DRINKING OR SMOKING. IF CONTACT OCCURS, REMOVE CLOTHING. IF NEEDED, TAKE 1ST AID ACTIONS. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

Other Precautions:STORE AWAY FROM CAUSTIC/ALKALIES.

Exposure Controls

Respiratory Protection:USE NIOSH-APPROVED RESPIRATOR.

Ventilation:LOCAL EXHAUST RECOMMENDED.

Protective Gloves:IMPERVIOUS.

Eye Protection:SAFETY GOGGLES & FULL FACE SHIELD

Other Protective Equipment:USE BOOTS, APRONS, EYE WASH STATION AND SAFETY SHOWER AS NEEDED FOR PROTECTION AGAINST SPILLS AND/OR SPLASHES.

Work Hygienic Practices:AFTER HANDLING THIS PRODUCT, WASH HANDS BEFORE EATING, DRINKING OR SMOKING. IF CONTACT OCCURS, REMOVE CLOTHING. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

THIS NSN REPLACES DUPLICATE NSN:4110-01- 169-8438 (FSC IS DIFFERENT).

Chemical Properties

HCC:C1
Boiling Pt:>130.C, 266.F
Melt/Freeze Pt:=-27.6C, -18.F
Vapor Pres:0.3 MMHG
Spec Gravity:1.6
pH:1-2
Evaporation Rate & Reference:N/D (N-BUTYL ACETATE=1)
Solubility in Water:COMPLETE
Appearance and Odor:CLEAR COLORLESS LIQUID.

Stability

Stability Indicator/Materials to Avoid:YES
CAUSTICS, ALKALINE MATERIALS
Stability Condition to Avoid:HIGH TEMPERATURES.
Hazardous Decomposition Products:FROM COMBUSTION: SMOKE, CARBON MONOXIDE (CO), CARBON DIOXIDE (CO2), PHOSPHORIC OXIDES (POX).
Conditions to Avoid Polymerization:WILL NOT OCCUR.

Disposal

Waste Disposal Methods:DISPOSE AS HAZARDOUS WASTE. CLASSIFICATION AND DOCUMENTATION IS REQUIRED BEFORE DISPOSAL. FOLLOW ALL LOCAL, STATE AND FEDERAL REGULATIONS.

Toxicology

Toxicological Information:LDLO=220 MG/KG (IPR-MAN); LD50=1530 MG/KG (ORAL-RAT); LD50=2470 MG/KG (SKIN-RAT).

Other Information

Disclaimer (provided with this information by the compiling agencies):
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Ecology

Ecological:DANGEROUS TO AQUATIC LIFE IN HIGH CONCENTRATIONS. PHOSPHORIC ACID: 138 PPM/24 HR/MOSQUITO FISH/TLM/FRESH WATER.

Transport

Transport Information:US DOT PROPER SHIPPING NAME: PHOSPHOORIC ACID, 8, UN1805, PGIII. HAZARD CLASS: 8. INEDNTIFICATION NUMBER: UN1805. DOT EMERGENCY GUIDE NUMBER: 154. REPORTABLE QUANTITY (RQ): 465 GALLONS (PHOSPHORIC ACI D). INTERNATIONAL: PHOSPHORIC ACID, 8, UN1805, PGIII, IMDG 8204.

Regulatory

SARA Title III Information:SARA TITLE III, SECTION 313: PHOSPHORIC ACID, CAS# 7664-36-2, 70-80%.
Federal Regulatory Information:TSCA: COMPONENTS OF THIS PRODUCT LISTED ON THE TSCA INVENTORY. CERCLA: THE REPORTABLE QUANTITY (RQ) IS 465 LBS.
State Regulatory Information:CALIFORNIA PROPOSITION 65: NOT LISTED.
STATE RIGHT TO KNOW PROGRAMS: NJ, MA, PA.