

PHOSCOTE LIQUID

MSDS Number

BZZBP

National Stock Number

6850-00D005271

Product Name

PHOSCOTE LIQUID

Manufacturer

S AND S CO OF GA INC

Product Identification

Product ID:PHOSCOTE LIQUID

MSDS Date:07/19/1993

FSC:6850

NIIN:00D005271

MSDS Number: BZZBP

Responsible Party

S & S CO OF GA INC

827 PINE AVE

ALBANY , GA 31702-0045

US

Emergency Phone: 912-435-8394

Info Phone: 912-435-8394

Cage: EO278

Contractor

S & S CO OF GA INC

45

ALBANY, GA 31702-0045

US

912-435-8394

Cage: EO278

Ingredients

PHOSPHORIC ACID (SARA 313) (CERCLA)

CAS: 7664-38-2

RTECS: TB6300000

Fraction By Weight: 24.8%

OSHA PEL1 MG/M3

ACGIH TLV: 1 MG/M3/3 STEL; 9495

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

SODIUM BICHROMATE (SARA 313) (CERCLA)

CAS: 10588-01-9

RTECS: HX7700000

Fraction By Weight: 1.0%
OSHA PELC 0.1 MG (CRO3)/M3
ACGIH TLV: 0.05 MG(CR)/M3;A1;95
EPA Report Quantity: 10 LBS
DOT Report Quantity: 10 LBS

HYDROGEN FLUORIDE (SARA 302/313) (CERCLA)

CAS: 7664-39-3

RTECS: MW7875000

Fraction By Weight: 0.4%

OSHA PEL3 PPM (F)

ACGIH TLV: C 3 PPM(F); 9495

EPA Report Quantity: 100 LBS

DOT Report Quantity: 100 LBS

Hazards

LD50 LC50 Mixture:PRODUCT'S LD50 (ORAL RAT) WAS NOT STATED
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:CORROSIVE INGESTION:MAY CAUSE SEVERE IRRITATION/BURNS. SKIN:MAY CAUSE IRRITATION,BURNS,BLISTERS.
INHALATION:RESPIRATORY IRRITATION COUGHING. EYE:SEVERE BURNS.
CHRONIC-MFR GAVE NO INFORMATION OF MSDS.
Explanation of Carcinogenicity:MANUFACTURER GAVE NO INFORMATION ABOUT CARCINOGENICITY. HMIS FOUND NO LISTING & DOES NOT EXPECT IT TO BE CARCINOGENIC.
Effects of Overexposure:INGESTION:IRRITATION & BURNS TO MOUTH & G/I TRACT. SKIN:BURNS, BLISTERS, LOCAL PAIN. INHALATION:RESPIRATORY IRRITATION & BURNS, COUGHING. EYE:BURNS,SEVERE IRRITATION.
Medical Cond Aggravated by Exposure:MFR GAVE NO INFORMATION OF MSDS.

First Aid

First Aid:IF IRRITATION PERSISTS OR IS SEVERE, GET MEDICAL ATTENTION.
EYE:FLUSH W/WATER FOR 15 MIN. SKIN:WASH W/SOAP & WATER. REMOVE CONTAMINATED CLOTHING & LAUNDER BEFORE REUSE. INHALED:REMOVE FROM EXPOSURE. A ID OR RESTORE BREATHING AS NEEDED. INGESTED:DO NOT INDUCE VOMITING. GIVE 1-2 GLASSES OF MILK OR WATER TO DRINK. GET IMMEDIATE MEDICAL ATTENTION. NOTHING BY MOUTH IF UNCONSCIOUS. KEEP QUIET.

Fire Fighting

Flash Point:NON FLAMM
Lower Limits:N/D
Upper Limits:N/D
Extinguishing Media:DRY CHEMICAL, FOR SMALLER FIRES. WATER FOG. WATER SPRAY.
Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS & FULL PROTECTIVE CLOTHING. EVACUATE DOWN WIND. RUN-OFF MAY CONTAIN HAZARDOUS MATERIALS & SHOULD BE CONTROLLED.
Unusual Fire/Explosion Hazard:FIRE, REACTION W/OTHER CHEMICALS OR METALS PRODUCE FLAMMABLE OR TOXIC GASES. REACTS VIOLENTLY W/OTHER CHEMICALS. CONTAINERS MAY VIOLENTLY RUPTURE DUE TO HEAT.

Accidental Release

Spill Release Procedures:DIKE SPILL & PROTECT SEWER & WATER INTAKE. VENTILATE AREA, NOTIFY ALL PROPER AUTHORITIES IF REQUIRED. ABSORB WITH COMPATIBLE ABSORBENT. RECOVER & PLACE IN A SUITABLE CONTAINER. EVACUATE PERSONNEL. REM OVE ALL SOURCES OF IGNITION.
Neutralizing Agent:CAREFULLY NEUTRALIZE WITH WEAK ALKALI SOLUTION.

Handling

Handling and Storage Precautions:KEEP CONTAINERS PROPERLY LABELED. KEEP FROM FREEZING. USE AT ROOM TEMPERATURE. DO NOT HEAT.
Other Precautions:KEEP OUT OF REACH OF CHILDREN. FOR INDUSTRIAL & COMMERCIAL USE ONLY.

Exposure Controls

Respiratory Protection:IF USE CONDITIONS GENERATE A MIST, SPRAY OR DUST, AN APPROPRIATE NIOSH-APPROVED RESPIRATOR MAY BE REQUIRED.
Ventilation:ADEQUATE FOR WORK AREA TO MAINTAIN VAPORS AT A SAFE LEVEL. MAINTAIN LEVELS BELOW TLV.
Protective Gloves:NEOPRENE GLOVES
Eye Protection:SPLASH GOGGLES OR FULL FACE SHIELD.**
Other Protective Equipment:SUITABLE CHEMICAL COVERALLS. CHECK SUIT COMPATABILITY CHART.
Work Hygienic Practices:MFR GAVE NO INFORMATION OF MSDS.
Supplemental Safety and Health
**USE A HARD HAT W/FULL FACE SHIELD WHERE SPLASHING IS LIKELY.

Chemical Properties

HCC:C1
NRC/State Lic Num:NONE
Boiling Pt:B.P. Text:215F,102C
Melt/Freeze Pt:M.P/F.P Text:Vapor Pres:N/D
Vapor Density:N/D
Spec Gravity:1.14
pH:1.6
Evaporation Rate & Reference:N/D
Solubility in Water:COMPLETE
Appearance and Odor:GREEN LIQUID / ACID ODOR
Percent Volatiles by Volume:0

Stability

Stability Indicator/Materials to Avoid:YES
CONTAMINATION, AMMONIA COMPOUNDS, BASES, CAUSTICS, OR ALKALIES, NONFERROUS METALS, STRONG OXIDIZERS, CHLORINES & PEROXID
Stability Condition to Avoid:CONTAMINATION, AMMONIA COMPOUNDS, BASES, CAUSTICS, OR ALKALIES, NONFERROUS METALS, STRONG OXIDIZERS, CHLORINES & PEROXID
Hazardous Decomposition Products:FLAMMABLE GASES SUCH AS HYDROGEN, HYDROGEN CYANIDE AND/OR HYDROGEN SULFIDE GASES.
Conditions to Avoid Polymerization:WILL NOT OCCUR.

Disposal

Waste Disposal Methods:DISPOSE OF I/A/W FEDERAL, STATE & LOCAL REGULATIONS. CONSULT S&S FOR FURTHER INFORMATION. LAND FILL AT SECURED APPROVED LANDFILL.

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