

Z-122,ZINC STEARATE

MSDS Number

BJKGC

National Stock Number

6810-00N011435

Product Name

Z-122,ZINC STEARATE

Manufacturer

PLASTIC PROCESS EQUIPMENT INC

Product Identification

Product ID:Z-122,ZINC STEARATE

MSDS Date:08/29/1989

FSC:6810

NIIN:00N011435

MSDS Number: BJKGC

Responsible Party

PLASTIC PROCESS EQUIPMENT,INC

7950 EMPIRE PARKWAY

MACEDONIA , OH 44056

US

Emergency Phone: 216-468-1511

Info Phone: 216-468-1511

Cage: HO690

Contractor

PLASTIC PROCESS EQUIPMENT,INC

MACEDONIA, OH 44056

US

216-468-1511

Cage: HO690

Ingredients

DICHLORODIFLUOROMETHANE (SARA III)

CAS: 75-71-8

RTECS: PA8200000

Fraction By Weight: 41%

OSHA PEL1000 PPM

ACGIH TLV: 1000 PPM; 9192

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE (FREON 113) (SARA

CAS: 76-13-1

RTECS: KJ4000000

Fraction By Weight: 24%

OSHA PEL1000PPM/1250STEL

ACGIH TLV: 1000PPM/1250STEL9192

METHYL CHLOROFORM (1,1,1-TRICHLOROETHANE) (SARA III)

CAS: 71-55-6

RTECS: KJ2975000

Fraction By Weight: 4%

OSHA PEL350 PPM/450 STEL

ACGIH TLV: 350 PPM/450STEL;9192

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

ISOBUTANE

CAS: 75-28-5

RTECS: TZ4300000

Fraction By Weight: 5%

OSHA PELN/K

ACGIH TLV: N/K

ZINC STEARATE

CAS: 557-05-1

RTECS: ZH5200000

Fraction By Weight: 2%

OSHA PEL15 MG/M3 TDUST

ACGIH TLV: 10 MG/M3 TDUST; 9293

TRICHLOROFLUOROMETHANE (CFC-11) (SARA III)

CAS: 75-69-4

RTECS: PB6125000

Fraction By Weight: 24%

OSHA PEL1000 PPM

ACGIH TLV: C, 1000 PPM; 9293

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

Hazards

LD50 LC50 Mixture:N/K

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

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

Health Hazards Acute and Chronic:LONG TERM EXPOSURE (YEARS) TO HIGH CONCENTRATIONS OF VAPOR MAY CAUSE LUNG,LIVER OR KIDNEY DAMAGE.SOLVENTS HAVE BEEN REPORTED TO AFFECT THE CENTRAL NERVOUS SYSTEM.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:EYES:N/K .SKIN:WILL CAUSE DEFATTING.EFFECTS ARE REVERSIBLE.REDNESS.INGESTION:VOMITING.INHALATION:DIFFICULTY IN BREATHING.MAY CAUSE DIZZINESS OR NARCOSIS IN HIGH VAPOR

CONCENTRATIONS.LONG TERM EXPOSURE (YEARS) TO HIGH VAPOR CONCENTRATIONS MAY CAUSE LUNG,LIVER,KIDNEY DAMAGE.SOLVENTS REPORTED TO AFFECTS CNS.

Medical Cond Aggravated by Exposure:HEART DISEASE;RESPIRATORY DISORDERS.

First Aid

First Aid:EYES:WASH WITH WATER FOR AT LEAST 15 MINUTES.SKIN:WASH WITH WATER.INGESTION:DO NOT INDUCE VOMITING.GASTRIC LAVAGE.INHALATION:GIVE OXYGEN.

Fire Fighting

Extinguishing Media:USE WATER FOG,DRY CHEMICAL OR CARBON DIOXIDE.
Fire Fighting Procedures:WEAR PRESSURE DEMAND SCBA AND FULL PROTECTIVE EQUIPMENT .AEROSOL CANS MAY RUPTURE WHEN HEATED.
Unusual Fire/Explosion Hazard:THERMAL DECOMPOSITION PRODUCTS MAY INCLUDE FLUORIDES,CHLORIDES & PHOSGENE .HEATED CANS MAY BURST.HAZ DECOMP PROD:WATER,CO*2,HALOGEN ACIDS.

Accidental Release

Spill Release Procedures:USE ABSORBENT SWEEPING COMPOUND TO SOAK UP MATERIAL.PUT INTO CONTAINER.DISPOSE AS HAZARDOUS WASTE.

Neutralizing Agent:N/K

Handling

Handling and Storage Precautions:KEEP AWAY FROM HEAT,SPARKS,OR OPEN FLAME.STORE AT TEMPERATURES BELOW 120F,49C.
Other Precautions:NO SMOKING IN AREA OF USE.DO NOT USE IN GENERAL VICINITY OF ARC WELDING,OPEN FLAMES,HOT SURFACES.HEAT/UV RADIA MAY CAUSE FORMATION OF HCL/PHOSGENE .WHEN SPRAYING >HALF CAN CONTINUOUSLY OR >ONE C AN CONSECUTIVELY,USE NIOSH APPRVD RESP.

Exposure Controls

Respiratory Protection:NIOSH/MSHA APPROVED RESPIRATOR APPROPRIATE FOR EXPOSURE OF CONCERN .
Ventilation:LOCAL AND GENERAL VENTILATION NECESSARY TO KEEP AIR CONCENTRATION BELOW TLV .
Protective Gloves:NONE REQUIRED IF SPRAYING.
Eye Protection:CHEMICAL WORKERS GOGGLES .
Other Protective Equipment:LONG SLEEVES AND LONG PANTS.
Work Hygienic Practices:DO NOT SMOKE WHILE USING.WASH HANDS AFTER USE.
Supplemental Safety and Health
BP RANGE:-18.4 TO 191F,-28C TO 88C.VAPOR PRESSURE:42 PSIG @ 70F,21C.INGREDIENTS 1,2,3,AND 4 HAVE BEEN SHOWN TO OR ARE SUSPECTED OF SENSITIZING THE MYOCARDIUM TO EPINEPHRINE.EPINEPHRINE OR ITS CONGENE RS COULD PRECIPITATE A FATAL ARRHYTHMIAIN PERSONS EXPOSED TO INGREDIENTS 1,2,3,AND 4 .

Chemical Properties

Boiling Pt:B.P. Text:SEE SUPP
Decomp Temp:Decomp Text:N/K
Vapor Pres:SEE SUPP
Vapor Density:4.0,AIR=1
Spec Gravity:1.3 (WATER=1)
Evaporation Rate & Reference:>1 (BUTYL ACETATE=1)
Solubility in Water:NONE
Appearance and Odor:CLEAR LIQUID;SOLVENT ODOR.

Stability

Stability Indicator/Materials to Avoid:YES
INCOMPATIBLE WITH STRONG OXIDIZERS AND ACTIVE METALS.
Stability Condition to Avoid:HIGH TEMPERATURES
Hazardous Decomposition Products:CHLORIDES,FLUORIDES AND PHOSGENE .IN FIRE WILL DECOMPOSE TO WATER,CARBON DIOXIDE,HALOGEN ACIDS.

Disposal

Waste Disposal Methods:DISPOSAL MUST BE IN ACCORDANCE WITH

FEDERAL, STATE AND LOCAL REGULATIONS .DISPOSE AS HAZARDOUS WASTE IN ACCORDANCE WITH EPA RCRA.

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