

L AGENT SIMULANT VIAL

MSDS Number

BPFHL

National Stock Number

6910-01-043-2090

Product Name

L AGENT SIMULANT VIAL

Manufacturer

CHEMTRONICS INC

Product Identification

Product ID:L AGENT SIMULANT VIAL

MSDS Date:04/01/1986

FSC:6910

NIIN:01-043-2090

Kit Part:Y

MSDS Number: BPFHL

Responsible Party

CHEMTRONICS INC

180 OLD BEE TREE RD

SWANNANOA , NC 28778-3409

US

Emergency Phone: 704-298-7941

Info Phone: 704-298-7941

Cage: 60737

Contractor

CHEMTRONICS INC

SWANNANOA, NC 28778-3409

US

NOT LISTED IN PHONE DIRECTORY

Cage: 60737

Ingredients

POTASSIUM IODIDE

CAS: 7681-11-0

RTECS: TT2975000

Fraction By Weight: 3.5%

OSHA PELNOT KNOWN

ACGIH TLV: NOT KNOWN

IODINE

CAS: 7553-56-2

RTECS: NN1575000

Fraction By Weight: 2.5%

OSHA PEL0.1 PPM,CEILING

ACGIH TLV: 0.1 PPM,CEILING

Hazards

LD50 LC50 Mixture:NOT KNOWN

Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES

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

Health Hazards Acute and Chronic:SEE SIGNS AND SYMPTOMS OF OVEREXPOSURE.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:POTASSIUM IODIDE IN THIS CONCENTRATION PRODUCES

NO EFFECT. EYES:FREE IODINE CAN CAUSE EYE IRRITATION.

INHALATION:FREE IODINE CAN CAUSE NOSE AND THROAT IRRITATION.

Medical Cond Aggravated by Exposure:NOT KNOWN

First Aid

First Aid:EYES:FLUSH EYES WITH WATER FOR 15 MINUTES. SKIN:FLUSH AFFECTED AREA WITH WATER. INGESTION:GIVE TWO GLASSES OF WATER.ON ADVICE OF PHYSICIAN,5% SODIUM THIOSULFATE MAY BE ADMINISTERED FOLLOWED BY SALINE CATHARSIS.

Fire Fighting

Flash Point:NONE

Lower Limits:NOT KNOWN

Upper Limits:NOT KNOWN

Extinguishing Media:MEDIA APPROPRIATE FOR SURROUNDING FIRE.

Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS (SCBA) AND FULL TURNOUT GEAR .

Unusual Fire/Explosion Hazard:NONCOMBUSTIBLE.NO UNUSUAL HAZARD.IODINE IN SOLUTION SUBLIMES IN SOLID STATE AT 212F,100C.

Accidental Release

Spill Release Procedures:LARGE SPILLS MAY BE REDUCED WITH SODIUM THIOSULFATE AND THEN NEUTRALIZED WITH SODA ASH.TRANSFER SMALLER SPILLS TO CONTAINER OF WATER TO BE REDUCED AND NEUTRALIZED.

Neutralizing Agent:SODA ASH

Handling

Handling and Storage Precautions:STORE IN A COOL PLACE AND KEEP FROM FREEZING.

Other Precautions:NOT KNOWN

Exposure Controls

Respiratory Protection:IF NEEDED,USE MSHA APPROVED RESPIRATOR FOR ORGANIC VAPORS,CHLORINE.

Ventilation:CONTACT LOCAL SAFETY/INDUSTRIAL HYGIENE OFFICE TO DETERMINE IF LOCAL EXHAUST VENTILATION IS NEEDED .

Protective Gloves:WEAR RUBBER GLOVES.

Eye Protection:CHEMICAL SAFETY GOGGLES.

Other Protective Equipment:NONE NORMALLY REQUIRED IF VENTILATION IS ADEQUATE.

Work Hygienic Practices:NOT KNOWN

Supplemental Safety and Health

NONE KNOWN

Chemical Properties

HCC:F6

Boiling Pt:B.P. Text:>212F,>100C

Melt/Freeze Pt:M.P/F.P Text:NOT KNOWN

Decomp Temp:Decomp Text:NOT KNOWN

Vapor Pres:NOT KNOWN

Vapor Density:>1 (AIR=1)

Spec Gravity:>1 (WATER=1)

Evaporation Rate & Reference:1 (WATER=1)

Solubility in Water:SOLUBLE

Appearance and Odor:DARK RED AQUEOUS SOLUTION.

Percent Volatiles by Volume:96

Stability

Stability Indicator/Materials to Avoid: YES
ACETALDEHYDE, REDUCING AGENTS, AMMONIA & AMMONIA WATER.
Stability Condition to Avoid: NOT KNOWN
Hazardous Decomposition Products: FUMES OF IODINE.
Conditions to Avoid Polymerization: WILL NOT OCCUR.

Disposal

Waste Disposal Methods: DISPOSAL MUST BE IN ACCORDANCE WITH
FEDERAL, STATE, AND LOCAL REGULATIONS. COORDINATE WITH SUPPORTING
INSTALLATION AND/OR MACOM ENVIRONMENTAL OFFICE PRIOR TO DISPOSAL .

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