SIGMA CHEMICAL COMPANY -- 13750 BENZYLPEICILLIN POTASSIUM SALT -- 6850-00F055581

=====================  Product Identification  =====================

Product ID: 13750 BENZYLPEICILLIN POTASSIUM SALT
MSDS Date: 05/01/1997
FSC: 6850
NIIN: 00F055581
MSDS Number: CGJKV

=== Responsible Party ===
Company Name: SIGMA CHEMICAL COMPANY
Address: 3050 SPRUCE ST
Box: 14508
City: SAINT LOUIS
State: MO
ZIP: 63178-5000
Country: US
Info Phone Num: 314-771-5765/800-325-3010
Emergency Phone Num: 314-771-5765/800-325-3010
CAGE: 21076

=== Contractor Identification ===
Company Name: ALDRICH CHEMICAL CO INC
Address: 1001 WEST ST PAUL AVE
Box: 355
City: MILWAUKEE
State: WI
ZIP: 53233
Country: US
Phone: 414-273-3850
CAGE: 60928

Company Name: FLUKA CHEMICAL CORP
Address: 1001 WEST ST PAUL
Box: City: MILWAUKEE
State: WI
ZIP: 53233
Country: US
Phone: 414-273-3850
CAGE: 63181

Company Name: SIGMA CHEMICAL COMPANY
Address: 3050 SPRUCE ST
Box: 14508
City: ST LOUIS
State: MO
ZIP: 63178
Country: US
Phone: 314-771-5765
CAGE: 21076

=====================  Hazards Identification  =====================

------------- Composition/Information on Ingredients -------------

Ingred Name: PENICILLIN G POTASSIUM
CAS: 113-98-4
RTECS #: XH9700000
Hazards Identification

LD50 LC50 Mixture: ORAL LD50(RAT): 8900 MG/KG
Routes of Entry: Inhalation: YES  Skin: YES  Ingestion: YES
Reports of Carcinogenicity: NTP: NO   IARC: NO   OSHA: NO
Health Hazards Acute and Chronic: HARMFUL IF INGESTED, INHALED/ABSORBED THROUGH SKIN. MAY CAUSE ALLERGIC RESPIRATORY & SKIN REACTIONS.  SKIN: DERMATITIS.
Explanation of Carcinogenicity: NONE
Effects of Overexposure: GI DISTURBANCES.

First Aid Measures

First Aid: INHALATION: REMOVE TO FRESH AIR. EYES: FLUSH W/COPIOUS AMOUNTS OF WATER FOR 15 MINS. INGESTION: WASH OUT MOUTH W/WATER IF CONSCIOUS. SKIN: FLUSH W/COPIOUS AMOUNTS OF WATER FOR 15 MINS. OBTAIN MEDICAL ATTENTION IN ALL CASES.

Fire Fighting Measures

Extinguishing Media: WATER SPRAY, CO2, DRY CHEMICAL POWDER/APPROPRIATE FOAM.
Fire Fighting Procedures: WEAR SCBA & PROTECTIVE CLOTHING.
Unusual Fire/Explosion Hazard: EMITS TOXIC FUMES UNDER FIRE CONDITIONS.

Accidental Release Measures

Spill Release Procedures: WEAR RESPIRATOR, CHEMICAL SAFETY GOGGLES, RUBBER BOOTS & HEAVY RUBBER GLOVES. SWEEP UP, PLACE IN A BAG & HOLD FOR WASTE DISPOSAL. AVOID RAISING DUST. VENTILATE AREA & WASH SITE AFTER MATERIAL PICKUP IS COMPLETE.

Exposure Controls/Personal Protection

Respiratory Protection: WEAR APPROPRIATE NIOSH/MSHA APPROVED RESPIRATOR.
Ventilation: MECHANICAL EXHAUST REQUIRED.
Protective Gloves: CHEMICAL RESISTANT
Eye Protection: SAFETY GOGGLES
Other Protective Equipment: PROTECTIVE CLOTHING.
Work Hygienic Practices: REMOVE/LAUNDER CONTAMINATED CLOTHING & SHOES BEFORE REUSE.
Supplemental Safety and Health
MELTING POINT: 417.2-422.6F.

Physical/Chemical Properties

Boiling Pt: B.P. Text: (SEE SUPP)
Solubility in Water: COMPLETE
Appearance and Odor: SOLID

Stability and Reactivity Data

Stability Indicator/Materials to Avoid: YES
ACIDS, HEAVY METAL SALTS, OXIDIZING AGENTS, GLYCEROL, ALCOHOL.
Hazardous Decomposition Products: COMBUSTION: CO, CO2, NITROGEN OXIDES.
Disposal Considerations

Waste Disposal Methods: DISSOLVE/MIX W/A COMBUSTIBLE SOLVENT & BURN IN A CHEMICAL INCINERATOR EQUIPPED W/AN AFTERBURNER & SCRUBBER, IAW/FEDERAL, STATE & LOCAL REGULATIONS.

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