

SIGMA CHEMICAL COMPANY -- 13750 BENZYL PENICILLIN POTASSIUM  
SALT -- 6850-00F055581

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Product Identification  
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Product ID:13750 BENZYL PENICILLIN 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

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Composition/Information on Ingredients  
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Ingred Name:PENICILLIN G POTASSIUM  
CAS:113-98-4  
RTECS #:XH9700000

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===== 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.

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===== 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.

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===== 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.

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===== 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 I S COMPLETE.

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===== 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.

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===== Physical/Chemical Properties =====

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

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===== 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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