

Material Safety Data Sheet

Revision: 03/14/2006



Hazard information is provided for compliance with both the UK Chemicals (Hazard Information and Packaging) (CHIP) Regulations and the US Hazard Communication Standard (HCS)

IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

PRODUCT NAME:
Penicillin G, Potassium

PRODUCT CODE:
19985

EEC NUMBER:
204-038-0

SUPPLIER:

USB Corporation, 26111 Miles Road, Cleveland, Ohio 44128 Phone: (216) 765-5000
Please visit our website at www.usbweb.com for contact information on USB product distributors within your area.

Emergency Contact:

Chemtrec (800) 424-9300
Outside USA & Canada 703 527 3887

COMPOSITION/

HAZARDOUS COMPONENTS

HAZARD

CAS NO.

%WT

TLV

CHIP R & S Phrases

Penicillin G, Potassium

113-98-4

~99%

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R:42/43 May cause sensitization by inhalation and skin contact.
R:36/37/38 Irritating to eyes, respiratory system and skin.
S:22 Do not breathe dust.
S:24/25 Avoid contact with skin and eyes.
S:36/37 Wear suitable protective clothing and gloves.
S:45 In case of accident or if you feel unwell seek medical advice immediately (show the label where possible).

HAZARDS IDENTIFICATION

CHIP

Harmful

HCS

Sensitizer; Irritant

FIRST-AID MEASURES

EYES: Flush with water for 15 minutes. Seek medical advice if irritation persists.

SKIN: Flush with water, then wash thoroughly with soap and water. Remove contaminated clothing and wash before reuse. Seek medical attention if irritation persists.

INHALATION: Remove the victim from exposure and move to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Keep victim quiet and warm. Seek immediate medical attention.

INGESTION: Drink water and seek immediate medical attention. Avoid alcoholic beverages. Never give anything by mouth to an unconscious person.

FIRE-FIGHTING INFORMATION

Use media suitable to extinguish the supporting or surrounding fire. Wear NIOSH (or equivalent) approved self contained breathing apparatus. For small fires only: use carbon dioxide, dry powder or foam. Emits toxic fumes under fire conditions.

Flash Point = No information available

ACCIDENTAL RELEASE MEASURES

Wear appropriate personal protective equipment and clothing including lab coat, safety goggles, gloves and NIOSH-approved respirator. Collect in a manner that does not create dust and place in a suitable waste container. Avoid contact of material with skin or eyes. Use adequate ventilation.

HANDLING AND STORAGE

Wear appropriate personal protective equipment and clothing including lab coat, safety goggles, gloves and NIOSH-approved respirator. Avoid contact of material with skin or eyes. Store ambient away from incompatible materials.

PERSONAL PROTECTION

Wear appropriate personal protective equipment and clothing including lab coat, safety goggles, gloves and NIOSH-approved respirator. A qualified industrial hygienist should evaluate the need for respiratory protection. Use respiratory protection approved by NIOSH (or equivalent) and appropriate to the hazard. Avoid contact of material with skin or eyes. Mechanical ventilation or local exhaust as needed to control exposure to dust, vapors or mists. Access to a safety shower and eye-wash.

PHYSICAL AND CHEMICAL PROPERTIES

Appearance: White powder

Vapor Pressure: No data available

Solubility (Water): Soluble

Percent Volatile: No data available

Chemical Formula: C16-H17-N2-O4-S · K

Boiling Point: No data available

Vapor Density: No data available

Specific Gravity: No data available

Evaporation Rate: No data available

Melting Point: 417-423°F

STABILITY AND REACTIVITY

Product is stable. Hazardous decomposition products include oxides of sulfur, nitrogen and carbon. Incompatible with strong oxidizing agents, acids, glycerol, alcohols and heavy metal salts. Hazardous polymerization will not occur.

TOXICOLOGICAL INFORMATION

EFFECTS OF OVEREXPOSURE:

EYES: Contact may cause irritation.

SKIN: Contact may cause irritation, dermatitis and hypersensitive individuals may experience an allergic reaction. May be absorbed through uninjured skin.

INHALATION: May cause irritation, and hypersensitive individuals may experience an allergic reaction.

INGESTION: Chronic ingestion or excessive dosage may cause allergic reaction and gastrointestinal disorders.

Persons allergic to penicillin should not be allowed to come into contact with Penicillin G Potassium since they may suffer an anaphylactic reaction. If this occurs, seek immediate medical attention.

ADDITIONAL INFORMATION:

May be harmful by inhalation, ingestion or skin absorption. May cause allergic respiratory and skin reactions. Long-term inhalation may result in a change in immuno-reactivity and also result in a change in normal microflora of the respiratory tract and intestines.

Mutation and toxicity data listed in RTECS under XH9700000.

Only select RTECS information is provided here. Please see actual RTECS entry for complete information.

Oral Rat LD50 = 8900 mg/kg (1962). Details of toxic effects not reported other than lethal dose value.

EPA GENETOX PROGRAM 1988, Negative: Histidine reversion-Ames test.

Definition(s): RTECS = Registry of Toxic Effects of Chemical Substances.

EPA = Environmental Protection Agency.

ECOLOGICAL INFORMATION

No information available.

DISPOSAL CONSIDERATIONS

Dispose of material in accordance with applicable local, state, and federal regulations.

TRANSPORTATION INFORMATION

US DOT / IATA: No applicable information.

REGULATORY INFORMATION

RCRA - No applicable information.

SARA 302 - No applicable information.

SARA 313 - No applicable information.

EPA TSCA Section 8(b) - Chemical Inventory.

Exposure Limits - Not established.

California Proposition 65 - No applicable information.

This data sheet is based upon information believed to be reliable. The Company makes no statement or warranty as to the accuracy or completeness of the information contained herein which is offered for your consideration, investigation and verification. Any use of the information contained in this data sheet must be determined by the user to be in accordance with appropriate applicable regulations.