Product ID: DISULFIRAM
MSDS Date: 11/22/1988
FSC: 6505
NIIN: 00F036912
MSDS Number: BVSQP

Responsible Party
Company Name: UNITED STATES PHARMACOPEIAL CONVENTION INC
Address: 12601 TWINBROOK PKWY
City: ROCKVILLE
State: MD
ZIP: 20852-1717
Country: US
Info Phone Num: 301-881-0666
Emergency Phone Num: 301-881-0666
Preparer's Name: WILLIAM M HELLER
CAGE: 14128

Contractor Identification
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Composition/Information on Ingredients
Ingred Name: DISULFIRAM
CAS: 97-77-8
RTECS #: JO1225000
Fraction by Wt: 100%
ACGIH TLV: 2 MG/CUM

Hazards Identification
LD50 LC50 Mixture: ORAL LD50 (RAT): 8.6 G/KG
Routes of Entry: Inhalation: YES  Skin: YES  Ingestion: YES
Reports of Carcinogenicity: NTP: NO  IARC: NO  OSHA: NO
Health Hazards Acute and Chronic: POSSIBLE ALLERGIC REACTION TO DUST IF INHALED/INGESTED/CONTACT W/SKIN. EYE/SKIN/RESPIRATORY TRACT IRRITATION. POSSIBLE HYPERSENSITIZATION. MATERIAL MAY BE IRRITATING TO MUCOUS MEMBRANES & RESPIRATORY T RACT. DISULFIRAM IS USUALLY WELL TOLERATED IF ALCOHOL IS AVOIDED.
Explanation of Carcinogenicity: NONE
Effects of Overexposure: IRRITATION, SLIGHT DROWSINESS, UNPLEASANT TASTE, MILD GI DISTURBANCES, ORTHOSTATIC HYPOTENSION.
Medical Cond Aggravated by Exposure: HYPERSENSITIVITY TO MATERIAL

First Aid Measures
INHALATION: REMOVE FROM EXPOSURE. GIVE CPR/OXYGEN IF NEEDED.
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INHALATION: REMOVE FROM EXPOSURE. GIVE CPR/OXYGEN IF NEEDED.
EYES/SKIN: FLUSH W/COPIOUS QUANTITIES OF WATER. INGESTION: FLUSH OUT MOUTH W/WATER. OBTAIN MEDICAL ATTENTION IN ALL CASES.

Fire Fighting Measures

Extinguishing Media: WATER SPRAY, DRY CHEMICAL, CO2, FOAM AS APPROPRIATE FOR SURROUNDING FIRE/MATERIALS.
Fire Fighting Procedures: EVACUATE AREA. WEAR SELF CONTAINED BREATHING APPARATUS & PROTECTIVE CLOTHING.
Unusual Fire/Explosion Hazard: MATERIAL IS ASSUMED TO BE COMBUSTIBLE. AS W/ALL DRY POWDERS, GROUND MECHANICAL EQUIPMENT IN CONTACT W/DRY MATERIAL TO DISSIPATE STATIC ELECTRICITY.

Accidental Release Measures

Spill Release Procedures: WEAR APPROVED RESPIRATOR & CHEMICALLY COMPATIBLE GLOVES. VACUUM/SWEEP UP. AVOID DUST. PLACE MATERIAL IN APPROPRIATE CONTAINER FOR WASTE DISPOSAL. VENTILATE AREA & WASH SITE.

Handling and Storage

Handling and Storage Precautions: STORE IN TIGHT CONTAINER. SHOULD BE HANDLED/STORED PER LABEL/OTHER INSTRUCTIONS TO ENSURE PRODUCT INTEGRITY. USE W/ADEQUATE VENTILATION.
Other Precautions: AVOID CONTACT W/EYES, SKIN/CLOTHING. AVOID BREATHING DUST/MIST/FUMES/VAPORS. USE W/ADEQUATE DUST CONROL. DON'T PERMIT EATING/DRINKING/SMOKING NEAR MATERIAL.

Exposure Controls/Personal Protection

Respiratory Protection: WEAR NIOSH APPROVED RESPIRATOR.
Ventilation: ADEQUATE. LOCAL EXHAUST/MECHANICAL (GENERAL): RECOMMENDED.
Protective Gloves: CHEMICAL RESISTANT
Eye Protection: SAFETY GOGGLES
Other Protective Equipment: APPROPRIATE LABORATORY APPAREL
Work Hygienic Practices: REMOVE/LAUNDER CONTAMINATED CLOTHING BEFORE REUSE. WASH THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health
INDIVIDUALS WORKING W/CHEMICALS SHOULD CONSIDER ALL CHEMICALS TO BE POTENTIALLY HAZARDOUS EVEN IF THEIR INDIVIDUAL HAZARDS MAY BE UNCHARACTERIZED/UNKNOWN.

Physical/Chemical Properties

Spec Gravity: 1.27
Solubility in Water: SLIGHT
Appearance and Odor: WHITE TO OFF WHITE CRYSTALLINE POWDER W/SLIGHT ODOR

Stability and Reactivity Data

Stability Indicator/Materials to Avoid: YES
Stability Condition to Avoid: HEAT
Hazardous Decomposition Products: TOXIC FUMES
Disposal Considerations

Waste Disposal Methods: DISPOSE OF IAW/FEDERAL, STATE & LOCAL REGULATIONS.

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