

UNITED STATES PHARMACOPEIAL CONVENTION INC -- DISULFIRAM --  
6505-00F036912

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Product Identification  
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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 ===  
Company Name:UNITED STATES PHARMACOPEIAL CONVENTION INC  
Address:12601 TWINBROOK PKWY  
Box:City:ROCKVILLE  
State:MD  
ZIP:20852-1717  
Country:US  
Phone:301-881-0666  
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Composition/Information on Ingredients  
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Ingred Name:DISULFIRAM  
CAS:97-77-8  
RTECS #:JO1225000  
Fraction by Wt: 100%  
ACGIH TLV:2 MG/CUM

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Hazards Identification  
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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/RESPIRTORY 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

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First Aid Measures  
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First Aid: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.

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Fire Fighting Measures  
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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.

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Accidental Release Measures  
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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.

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Handling and Storage  
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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/ADEAUATE DUST CONROL. DON'T PERMIT  
EATING/DRINKING/SMOKING NEAR MATERIAL.

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Exposure Controls/Personal Protection  
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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.

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Physical/Chemical Properties  
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Spec Gravity:1.27

Solubility in Water:SLIGHT

Appearance and Odor:WHITE TO OFF WHITE CRYSTALLINE POWDER W/SLIGHT ODOR

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Stability and Reactivity Data  
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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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