

PHARMACEUTICAL RESOURCES BRANCH, DTP, DCT, NCI -- 249992  
AMSACRINE -- 6505-00F052198

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Product Identification  
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Product ID:249992 AMSACRINE  
MSDS Date:09/30/1991  
FSC:6505  
NIIN:00F052198  
MSDS Number: CDBDY  
=== Responsible Party ===  
Company Name:PHARMACEUTICAL RESOURCES BRANCH, DTP, DCT, NCI  
Address:EXEC PLAZA N ROOM 818, 6130 EXEC BLVD  
City:ROCKVILLE  
State:MD  
ZIP:20852-5000  
Country:US  
CAGE:PHARR  
=== Contractor Identification ===  
Company Name:PHARMACEUTICAL RESOURCES BRANCH, DTP, DCT, NCI  
Address:EXEC PLAZA N ROOM 818, 6130 EXEC BLVD  
City:ROCKVILLE  
State:MD  
ZIP:20852-5000  
Country:US  
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Composition/Information on Ingredients  
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Ingred Name:METHANESULFONAMIDE,  
N-(4-(9-ACRIDINYLAMINO)-3-METHOXYPHENOL)METHANESULFONAMIDE,  
AMSACRINE  
CAS:51264-14-3  
RTECS #:PB1080000

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Hazards Identification  
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LD50 LC50 Mixture:ORAL LD50(MOUSE): 810 MG/CUM  
Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:POTENTIALLY HARMFUL. CARDIOTOXICITY  
WAS NOTED IN 2.3% OF 3200 PATIENTS & WAS ASSOCIATED W/ANTHRACYCLINE  
EXPOSURE.  
Explanation of Carcinogenicity:NONE  
Effects of Overexposure:STOMATITIS, MUCOSITIS, HEPATOXICITY(ELEVATED  
TRANSAMINASE, ALKALINE PHOSPHATES, BILIRUBIN), NAUSEA, VOMITING,  
DIARRHEA, ALOPECIA, HYPOKALEMIA, SEIZURES.

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First Aid Measures  
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First Aid:EYES: FLUSH W/COPIOUS AMOUNTS OF WATER FOR 15 MINS. SKIN:  
WASH W/PLENTY OF SOAP & WATER. INHALATION: REMOVE TO FRESH AIR.  
GIVE CPR IF NEEDED. OBTAIN MEDICAL ATTENTION IN ALL CASES.

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Fire Fighting Measures  
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Extinguishing Media:USE MATERIALS APPROPRIATE TO THE SURROUNDING FIRE.  
Fire Fighting Procedures:EVAUCATE PERSONNEL TO A SAFE AREA. USE SCBA &  
PROTECTIVE CLOTHING.

===== Accidental Release Measures =====

Spill Release Procedures:EVACUATE AREA. WEAR SCBA, RUBBER BOOTS & HEAVY  
RUBBER GLOVES. WEAR DISPOSABLE COVERALLS & DISCARD. SWEEP UP  
COMPOUND, PLACE IN A BAG & HOLD FOR WASTE DISPOSAL. AVOID RAISING  
DUST. VENTILATE AREA & WAS H AFTER COMPOUND PICKUP IS COMPLETE &  
DISPOSE OF.

===== Handling and Storage =====

Handling and Storage Precautions:STORE IN TIGHTLY SEALED CONTAINERS.  
Other Precautions:THIS MATERIAL SHOULD BE HANDLED ONLY BY THOSE TRAINED  
IN THE HANDLING OF POTENTIALLY HAZARDOUS MATERIAL. AVOID CONTACT &  
INHALATION. AVOID PROLONGED/REPEATED EXPOSURE.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:WEAR NIOSH/MSHA APPROVED RESPIRATOR.  
Ventilation:LABORATORY OPERATIONS: CONDUCT IN A CHEMICAL FUME HOOD,  
GLOVE BOX/VENTILATED CABINET EQUIPPED W/MECHANICAL EXHAUST.  
Protective Gloves:RUBBER/LATEX WHEN HANDLING  
Eye Protection:CHEMICAL SAFETY GOGGLES WHEN HANDLING  
Other Protective Equipment:PROTECTIVE LABORATORY COAT/APRON, SAFETY  
SHOWER & EYE BATH.  
Work Hygienic Practices:REMOVE/LAUNDER CONTAMINATED CLOTHING BEFORE  
REUSE. WASH THOROUGHLY AFTER HANDLING.  
Supplemental Safety and Health  
MELTING POINT: 453.2-456.8F.

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

Melt/Freeze Pt:M.P/F.P Text:(SEE SUPP)  
Solubility in Water:<0.1 MG/ML  
Appearance and Odor:REDDISH ORANGE POWDER

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES  
INCOMPATIBLE W/CHLORIDE IONS.  
Hazardous Decomposition Products:CO, CO2 & NITROGEN OXIDES.

===== Disposal Considerations =====

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

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