

ARDROX INC -- BIO-PEN P6F5 -- 6850-01-263-2264

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Product Identification  
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Product ID: BIO-PEN P6F5  
MSDS Date: 05/15/1986  
FSC: 6850  
NIIN: 01-263-2264  
MSDS Number: BJDWJ  
=== Responsible Party ===  
Company Name: ARDROX INC  
Address: 16961 KNOTT AVE  
City: LA MIRADA  
State: CA  
ZIP: 90638-6015  
Country: US  
Info Phone Num: 714-739-2821  
Emergency Phone Num: 714-739-2821/800-424-9300(CHEMTREC)  
CAGE: 23373  
=== Cont  
ractor Identification ===  
Company Name: BRENT AMERICA, INC.  
Address: 16961 KNOTT AVE.  
Box: City: LA MIRADA  
State: CA  
ZIP: 90638-6015  
Country: US  
Phone: 714-739-2821  
CAGE: 23373

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Composition/Information on Ingredients  
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Ingred Name: POLYETHYLENE GLYCOL ETHER  
CAS: 68131-40-8  
RTECS #: WZ5200000  
Fraction by Wt: 90%  
Other REC Limits: NONE SPECIFIED

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Hazards Identification  
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Routes of Entry: Inhalation: YES Skin: YES Ingestion: NO  
Reports of

Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:ACUTE-EYES:MODERATE IRRITATION, SKIN: IRRITATION, INHALATION:CENTRAL NERVOUS SYSTEM DISORDERS, INGESTION: IRRITATION. CHRONIC-EYES:UNKNOWN, SKIN:IRRITATION, INHALATION:UNKNOWN, INGESTION:UNKNOWN.

Explanation of Carcinogenicity:NONE OF THE COMPOUNDS IN THIS PRODUCT IS LISTED BY IARC, NTP, OR OSHA AS A CARCINOGEN.

Effects of Overexposure:EYES:MODERATE IRRITATION, SKIN:SLIGHT REDDENING, INHALATION:DIZZINESS, NAUSEA. INGESTION:NAUSEA AND VOMITING.

Medical Cond Aggravated by Exposure:NOT GIVEN BY THE MANUFACTURER.

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===== First Aid Measures =====

First Aid:EYE:FLUSH W/WATER 15 MIN, HOLD LIDS OPEN. SKIN:WASH WITH SOAP & WATER. REMOVE CONTAMINATED CLOTHING AND LAUNDRER BEFORE REUSE. INHALED:REMOVE TO FRESH AIR. RESTORE BREATHING IF NECESSARY. INGESTED:GIVE 2 LARGE GLASSES OF MILK OR WATER AND INDUCE VOMITING. GET IMMEDIATE MEDICAL CARE. GIVE NOTHING BY MOUTH IF UNCONSCIOUS. IF IRRITATION PERSISTS OR IS SEVERE,SEE A DOCTOR.

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===== Fire Fighting Measures =====

Flash Point Method:COC

Flash Point:410F,210C

Extinguishing Media:USE CARBON DIOXIDE, FOAM, OR DRY CHEMICAL.

Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.

Unusual Fire/Explosion Hazard:FIRE OR E

XCESSIVE HEAT MAY CAUSE

PRODUCTION OF HAZARDOUS DECOMPOSITION PRODUCTS.

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

Spill Release Procedures:WIPE/SOAK UP WITH CLOTH OR PAPER TOWEL OR INERT ABSORBENT. PUT IN DISPOSAL CONTAINER. REMOVE RESIDUE WITH WATER.

Neutralizing Agent:NONE

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

Handling and Storage Precautions:STORE IN A DRY AREA ABOVE 32F AND BELOW 90F.

Other Precautions:NEVER EAT, DRI

NK, OR SMOKE WHEN WORKING WITH  
CHEMICALS. WASH THOROUGHLY AFTER USE. AVOID SKIN AND EYE CONTACT  
AND ENSURE ADEQUATE VENTILATION DURING MAINTENANCE OF CONTAMINATED  
EQUIPMENT.

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

Respiratory Protection:RESPIRATOR WILL NOT NORMALLY BE NECESSARY. USE  
NIOSH/MSHA APPROVED AIR SUPPLIED RESPIRATOR OR RESPIRATOR FOR MIST  
IF EXPOSURE IS ABOVE THE TLV/PEL. SEE 29 CFR 1910.134 FOR  
REGULATIONS PERTAINING TO RE SPIRATOR  
USE.

Ventilation:GENERAL ROOM VENTILATION IS NORMALLY ADEQUATE. USE LOCAL  
EXHAUST IF NECESSARY TO CONTROL EXPOSURE BELOW PEL/TLV.

Protective Gloves:RUBBER OR P.V.C.

Eye Protection:SAFETY GLASSES OR GOGGLES

Other Protective Equipment:EYE WASH STATION AND SAFETY SHOWER.  
INDUSTRIAL-TYPE WORK CLOTHING AND APRON AS REQUIRED.

Work Hygienic Practices:USE GOOD CHEMICAL HYGIENE PRACTICE. AVOID  
UNNECESSARY CONTACT.

Supplemental Safety and Health

TWO MSDS'S WERE SUPPLIED BY THE MANUFACTURER, E  
ACH WITH A DIFFERENT

FORMULATION. THE MANUFACTURER WAS CONTACTED AND THEY INSTRUCTED US  
TO USE THE MSDS DATED 01MAY90.

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

HCC:N1

Boiling Pt:B.P. Text:>482F,>250C

Vapor Pres:1

Spec Gravity:0.975

Evaporation Rate & Reference: