

ARDROX INC -- BIO-PEN E-1 -- 6850-01-266-4552

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Product Identification
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Product ID:BIO-PEN E-1

MSDS Date:06/16/1986

FSC:6850

NIIN:01-266-4552

MSDS Number: BJFWP

=== 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)

Preparer's Name:ABAYO

MI I. OWEL

CAGE:23373

=== Contractor 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:MORPHOLINE

CAS:110-91-8

RTECS #:QD6475000

Fraction by Wt: 0.5%

Other REC Limits:NONE SPECIFIED

OSHA PEL:S,20 PPM/30 STEL

ACGIH TLV:S, 20 PPM; 9192

Ingred Name:THE MANUFACTURER STATES THAT THE REMAINING INGREDIENTS

CONSISTS OF SURFACTANTS AND THEY ARE CONSIDERED NON-HAZARDOUS.

RTECS #:9999999ZZ

Other REC Limits:NONE SPECIFIED

===== Hazards Identification =====

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Explanation of Carcinogenicity:NOTE:CALIFORNIA EMPLOYERS USING
CAL/OSHA-REGULATED CARCINOGENS MUST REGISTER WITH CAL/OSHA.
Effects of Overexposure:EYE:IRRITATION.SKIN:DRYNESS.INHALATION:MINOR
IRRITA
TION.INGESTION:MAY UPSET GASTROINTESTINAL SYSTEM.
Medical Cond Aggravated by Exposure:SKIN DISEASES COULD BE AGGRAVATED
BY REPEATED EXPOSURE.

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

First Aid:CALL A PHYSICIAN.EYE:FLUSH W/WATER 15 MIN,HOLD LIDS
OPEN.SKIN:WASH WITH SOAP & WATER.REMOVE CONTAMINATED CLOTHING AND
LAUNDER BEFORE REUSE.INHALED:REMOVE TO FRESH AIR.GIVE CPR IF
NECESSARY.INGESTED:GI VE 2 GLASSES OF WATER AND INDUCE
VOMITING.THEN 2 TO 3 TA
BLESPOONS OF MILK OF MAGNESIA OR A CUP OF
STRONG TEA WITH TOAST.

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

Flash Point:NON-FLAMMABLE
Extinguishing Media:WATER SPRAY
Fire Fighting Procedures:USE WATER SPRAY TO COOL FIRE-EXPOSED SURFACES
& TO PROTECT PERSONNEL.WEAR SELF-CONTAINED BREATHING APPARATUS.
Unusual Fire/Explosion Hazard:NONE

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

Spill Release Procedures:MOP UP OR SOAK UP WITH NON-COMBUS
TIBLE
ABSORBENT.RESIDUE SHOULD BE HOSE DOWN WITH WATER. WEAR FULL
PROTECTIVE CLOTHING.
Neutralizing Agent:NONE NOTED

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

Handling and Storage Precautions:STORAGE-STORE IN A COOL,DRY,WELL
VENTILATED AREA, AWAY FROM HEAT, SPARKS,OPEN FLAME AND
OXIDIZERS.PROTECT CONTAINERS FROM PHYSICAL DAMAGE.
Other Precautions:KEEP CONTAINERS TIGHTLY CLOSED.

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

Venti

lation:LOCAL OR GENERAL VENTILATION IS ADEQUATE.

Protective Gloves:RUBBER, NEOPRENE, OR PVC

Eye Protection:SAFETY GALSSSES

Other Protective Equipment:EYE WASH STATION AND SAFETY SHOWER.

INDUSTRIAL-TYPE WORK CLOTHING, BOOTS, AND APRON AS REQUIRED.

Work Hygienic Practices:USE GOOD CHEMICAL HYGIENE PRACTICE. AVOID UNNECESSARY CONTACT, AND BREATHING THE MISTS.

Supplemental Safety and Health

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

HCC:N1

Boiling Pt:B.P. Text:215F

,102C

Spec Gravity:1.0

Solubility in Water:COMPLETE

Appearance and Odor:PINK VISCOUS LIQUID - CHARACTERISTIC ODOR

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

Stability Indicator/Materials to Avoid:YES

OXIDIZING AGENTS

Stability Condition to Avoid:NONE KNOWN TO ARDROX

Hazardous Decomposition Products:IT MAY PRODUCE CARBON DIOXIDE, AND CARBON MONOXIDE.

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

Waste Disposal Methods:DISPOSE I/A/W ALL FEDERA

L, STATE AND LOCAL

REGULATIONS. USE SPECIALIST WASTE DISPOSAL COMPANY.

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