

ARDROX INC. -- BIO-PEN P7F2 INSPECTION PENETRANT -- 6850-01-263-9777

===== Product Identification =====

Product ID:BIO-PEN P7F2 INSPECTION PENETRANT

MSDS Date:02/01/1990

FSC:6850

NIIN:01-263-9777

MSDS Number: BJFFK

=== Responsible Party ===

Company Name:ARDROX INC.

Address:16961 KNOTT AVENUE

City:LA MIRADA

State:CA

ZIP:90638

Country:US

Info Phone Num:714-739-2821

Emergency Phone Num:800-424-9300 (CHEMTREC)

Preparer's Name:SHEREE L. KINZEL

CAGE:DO042

=== Contractor Identification ===

Company Name:ARDROX INC.

Address:16961 KNOTT AVE.

City:LA MIRADA

State:CA

ZIP:90638-6015

Phone:714-739-2821/800-424-9300(CHEMTREC)

CAGE:DO042

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

===== Composition/Information on Ingredients =====

Ingred Name:ALKYLOXYPOLYETHYLENOXY ETHANOL

CAS:68131-40-

8
RTECS #:WZ5200000
Other REC Limits:NONE ESTABLISHED

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

Routes of Entry: Inhalation:NO Skin:NO Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:INHALE: OVEREXPOSURE MAY RESULT IN
IRRITATION OF THE THROAT & LUNGS; SKIN/EYE: MAY BE SLIGHTLY
IRRITATING UPON DIRECT CONTACT; INGEST: MAY CAUSE NAUSEA, VOMITING,
AND DIARRHEA AND POSSIBLY UNCONSCIOUSNESS.
Effects of Overexposure:SEE "HEALTH HAZARD".
Medical Condition Aggravated by Exposure:NON STATED.

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

First Aid:INHALATION:REMOVE TO FRESH AIR. RESUSCITATE IF NOT BREATHING.
GET MEDICAL ATTENTION. EYES:IMMEDIATELY FLUSH WITH PLENTY OF WATER
FOR 15 MINUTES HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION.
SKIN:REMOVE CONTAMINATED CLOTHING. WASH WITH SOAP AND WATER.
INGESTION:DO NOT INDUCE VOMITING. GIVE LARGE AMOUNTS OF WATER. GIVE
NOTHING BY MOUTH IF UNCONSCIOUS. GET IMMEDIATE MEDICAL ATTENTION.

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

Flash Point Method:PMCC
Flash Point:>200F/93.3C
Extinguishing Media:DRY CHEMICAL. FOAM. CARBON DIOXIDE.
Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS. WATER
MAY BE INEFFECTIVE BUT CAN BE USED TO COOL CONTAINERS EXPOSED TO
HEAT OR FLAME.
Unusual Fire/Explosion Hazard:DENSE SMOKE MAY BE GENERATED WHILE
BURNING. CARBON MONOXIDE, CARBON
DIOXIDE, AND OTHER OXIDES MAY BE
GENERATED AS PRODUCTS OF COMBUSTION.

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

Spill Release Procedures:THIS MATERIAL IS BIODEGRADABLE IN A BIOLOGICAL
WASTEWATER TREATMENT PLANT WHEN DILUTED. AT HIGH CONCENTRATIONS, IT
MAY CAUSE SEVERE FOAMING PROBLEMS WHICH COULD INTERFERE WITH THE
OPERATION OF THE PLANT.
Neutralizing Agent:NOT APPLICABLE.

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

Handling

and Storage Precautions:STORE IN A COOL, DRY, WELL VENTILATED AREA. KEEP CONTAINERS TIGHTLY CLOSED WHEN NOT IN USE. PROTECT CONTAINERS FROM PHYSICAL DAMAGE.

Other Precautions:DO NOT TAKE INTERNALLY. DO NOT BREATHE MIST. AVOID PROLONGED OR REPEATED BREATHING OF VAPOR. AVOID CONTACT WITH EYES. USE WITH ADEQUATE VENTILATION. WASH THOROUGHLY AFTER HANDLING.

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

Respiratory Protection:IF VENTILATION DOES NOT MAINTAIN IN HALATION EXPOSURES BELOW PEL(TLV), USE NIOSH/MSHA APPROVED CANNISTER-TYPE RESPIRATORS. USE POSITIVE-PRESSURE, SELF-CONTAINED BREATHING APPARATUS IF IN CONFINED AREAS .

Ventilation:USE MECHANICAL VENTILATION, LOCAL EXHAUST IF NEEDED.

Protective Gloves:IMPERMEABLE GLOVES.

Eye Protection:SAFETY GLASSES. NO CONTACT LENSES.

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

Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. DO NOT WEAR CONTAMINATED CLOTHING OR FOOTWEAR.

Supplemental Safety and Health

QPL APPLIES. BOTH P/N IND: A OR B ARE QUALIFIABLE PENETRANTS.

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

HCC:N1

Boiling Pt:B.P. Text:345F/174C

Spec Gravity:0.871

Evaporation Rate & Reference:< BUTYLE ACETATE

Solubility in Water:MODERATE

Appearance and Odor:FLUORESCENT YELLOW GREEN MOBILE LIQUID.

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS.

Hazardous Decomposition Products:NONE STATED.

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

Waste Disposal Methods:DISPOSAL SHOULD BE MADE IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL LAWS AND REGULATIONS.

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