

ARDROX INC -- 970-P23 INSPECTION PENETRANT (SEE SUPP.) -- 6850-01-263-2261

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

Product ID:970-P23 INSPECTION PENETRANT (SEE SUPP.)

MSDS Date:02/01/1990

FSC:6850

NIIN:01-263-2261

MSDS Number: BJDVY

=== 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:SHEREE L. KINZEL

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

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

Ingred Name:HYDROTREATED MIDDLE DISTILLATE, (WHITE MINERAL OIL)

CAS:8042-47-5

RTECS #:PY8047000

Other REC Limits:NONE SPECIFIED

OSHA PEL:5 MG/M3 (MIST)

ACGIH TLV:5 MG/M3 (M

IST)

Ingred Name:ALKYLOXYPOLYETHYLENOXY ETHANOL (SECONDARY ETHOXYLATED FATTY ALCOHOLS)  
CAS:68131-40-8  
RTECS #:WZ5200000  
Other REC Limits:NONE SPECIFIED

Ingred Name:ALKYL PHENOL ETHOXYLATE (NONYLPHENOL POLYETHOXATE)  
CAS:9016-45-9  
RTECS #:MD0900000  
Other REC Limits:NONE SPECIFIED

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:A  
CUTE EFFECTS-EYES:IRRITATION.

SKIN:IRRITATION,DERMATITIS. INHALE:IRRITATION OF THROAT & LUNGS.  
INGEST:NONFATAL UNLESS ASPIRATION OCCURS. CHRONIC  
EFFECTS-EYES/SKIN:IRRITATION.INHALE: MAY RESULT IN NON -SPECIFIC  
SYMPTOMS RELATED TO THE NERVOUS SYSTEM, GASTROINTESTINAL TRACT &  
LUNGS.INGESTION:LARGE AMOUNT CAN CAUSE DEATH.

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

Effects of Overexposure:EYES:IRRITATIO

N. SKIN:DRYNESS, CHAPPING &  
REDNESS. INHALE:IRRITATION. INGEST:INTENSE BURNING OF THE THROAT,  
DROWSINESS, DULLNESS, NUMBNESS, AND HEADACHE FOLLOWED BY DIZZINESS,  
WEAKNESS AND NAUSEA, LOS S OF CONSCIOUSNESS AND CONVULSIONS  
FOLLOWED BY DEATH.

Medical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING SKIN  
CONDITIONS MAY BE AT INCREASED RISK FROM EXPOSURE.

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

First Aid:FIRST AID-EYE: IMMEDIATELY FLUSH WITH PL  
ENTRY OF WATER FOR 15  
MINUTES. SEE DOCTOR. SKIN: WASH WITH SOAP AND WATER. INHALATION:  
REMOVE TO FRESH AIR. IF NOT BREATHING GIVE MOUTH-TO-MOUTH  
RESUSCITATION. I F BREATHING IS HARD, GIVE OXYGEN. KEEP VICTIM WARM  
& AT REST. SEE DOCTOR IMMEDIATELY. INGESTION: DO NOT INDUCE  
VOMITING. IF CONSCIOUS GIVE LARGE AMOUNTS OF WATER. SEE DOCTOR  
IMMEDIATELY.

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

Flash Point Method:PMCC  
Flash Point:>200F,>93C  
Autoigniti

on Temp:Autoignition Temp Text:UNKNOWN

Lower Limits:1.1

Upper Limits:6.0

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

Fire Fighting Procedures:USE WATER TO COOL CNTNR EXPOSED TO HEAT OR FLAME. USE CAUTION WHEN USING WATER/FOAM AS FROTHING MAY OCCUR, ESPECIALLY IF SPRAYED INTO CNTNR OF BURNING LIQUID.

Unusual Fire/Explosion Hazard:DENSE SMOKE MAY BE GENERATED WHILE BURNING. CARBON MONOXIDE, CARBON DIOXIDE, & OTHER OXIDES MAY BE GENERATED AS PRODUCTS OF COMBUSTION.

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

Spill Release Procedures:SMALL SPILL:MOP UP/SOAK UP W/FIREPROOF ABSORBENT INORGANIC MATERIAL. PUT IN DOT-APPROVED CONTAINER. STOP RUNOFF TO SEWER, STORM DRAINS, SURFACE WATER & SOIL.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:STORAGE-STORE IN COOL, DRY, WELL VENTILATED AREA AWAY FROM SOURCES OF IGNITION.

KEEP FROM DIRECT

SUNLIGHT,HIGH TEMPERATURE AND BELOW FREEZING AREAS.

Other Precautions:KEEP PRODUCT TIGHTLY CLOSED. PROTECT FROM PHYSICAL DAMAGE. DO NOT CUT, GRIND, WELD OR DRILL ON OR NEAR CONTAINER. GROUND ALL EQUIPMENT. WASH THOROUGHLY AFTER USE.

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

Respiratory Protection:USE NIOSH APPROVED CANISTER-TYPE RESPIRATOR. IN CONFINED, POORLY VENTILATED AREAS, OR EXCEEDED PEL USE AN APPROVED POSITIVE-PRESSURE, SELF CONTAINED BREATHING APPARATUS.

Ventilation:MECHANICAL (GENERAL) VENTILATION IS USUALLY ADEQUATE. LOCAL EXPLOSION-PROOF EXHAUST VENTILATION MAY BE NECESSARY.

Protective Gloves:IMPERMEABLE GLOVES

Eye Protection:SAFETY GLASSES/CHEMICAL SPLASH GOGGLES

Other Protective Equipment:SAFETY SHOWER AND EYE BATH. INDUSTRIAL TYPE WORK CLOTHING AND APRON AS REQUIRED TO AVOID PROLONGED OR REPEATED CONTACT.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING OR DRINKING. L

AUNDER CONTAMINATED CLOTHING BEFORE REUSE.  
Supplemental Safety and Health  
PRODUCT UNDER THE FOLLOWING P/N IND: A, B, C, OR D ARE LISTED IN  
QPL-25135-15 UNDER TYPE 1, METHOD A, LEVEL 2 OF MIL-I-25135.(P/N  
IND A: P-134D; P/N IND B: 970-P23; P/N IND C: BIO-PEN P6F2; D:  
TRACER- TECH P-133A.)

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

HCC:N1  
Boiling Pt:B.P. Text:>240F,>116C  
Spec Gravity:0.871  
Evaporation Rate & Reference: