

ARDROX INC -- 9D6/D495A -- 6850-01-265-7234

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

Product ID:9D6/D495A

MSDS Date:09/27/1988

FSC:6850

NIIN:01-265-7234

MSDS Number: BJDYP

=== 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:METHYL CHLOROFORM (1,1,1-TRICHLOROETHANE) (SARA III)

CAS:71-55-6

RTECS #:KJ2975000

Fraction by Wt: 87.00%

Other REC Limits:NONE SPECIFIED

OSHA PEL:350 PPM/450 STEL

ACGIH TLV:350 PPM/450STEL;9192

EPA Rpt Qty:1000 LBS

DOT R

pt Qty:1000 LBS
Ozone Depleting Chemical:1

Ingred Name:DICHLORODIFLUOROMETHANE (SARA III)
CAS:75-71-8
RTECS #:PA8200000
Other REC Limits:NONE SPECIFIED
OSHA PEL:1000 PPM
ACGIH TLV:1000 PPM; 9192
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS
Ozone Depleting Chemical:1

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

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:IRRITATION

SKIN:IRRITATION. INHALATION:IRRITATION TO RESPIRATORY SYSTEM AND CNS DISORDERS. INGESTION:IRRITATION. CHRONIC-EYES:INFLAMMATION OF THE CONJUCTIVA. SKIN:DEFATTING, SEVERE IRRITATION, AND DERMATITIS. INHALATION:CENTRALNERVOUS SYSTEM DEPRESSION. INGESTION:SEVERE IRRITATION.

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

Effects of Overexposure:EYES:PAINFUL BURNING OR STINGING OF THE EYE AND LID, WA

TERING OF THE EYE. SKIN:DRYING AND SEVERE IRRITATION.

INHALATION:HEADACHE, NAUSEA, UNCONSCIOUSNESS, POSSIBLE CNS DAMAGE AND MAY EVEN BE FATAL IN CONFINED OR POORLY VENTILATED AREAS. INGESTION:VOMITING AND MAY CAUSE UNCONSCIOUSNESS.

Medical Cond Aggravated by Exposure:PRE-EXISTING SKIN DISORDERS MAY BE AGGRAVATED BY EXPOSURE TO THIS PRODUCT.

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

First Aid:EYE:FLUSH W/WATER AT LEAST 15 MIN, HOLD LIDS OPEN. SKIN:WASH

WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING AND LAUNDRER BEFORE REUSE. INHALATION:MOVE TO FRESH AIR. RESTORE BREATHING IF NECESSARY. INGESTION:DO NOT INDUCE VOMITING. GIVE 2LARGE GLASSES OF WATER AND SEEK MEDICAL CARE. GIVE NOTHING BY MOUTH IF UNCONSCIOUS.

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

Flash Point Method:TCC
Flash Point:NONE
Autoignition Temp:Autoignition Temp Text:NONE
Lower Limits:NOT RELEVANT
Upper Limits:NOT RELEVANT
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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 EXCESSIVE HEAT MAY CAUSE PRODUCTION OF HAZARDOUS DECOMPOSITION PRODUCTS. A STRAIGHT STREAM OF WATER WOULD SPREAD HYDROCARBON FIRES.

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

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Spill Release Procedures:SMALL SPILL:MOP UP OR SOAK UP WITH NON-COMBUSTIBLE ABSORBENT MATERIAL. TRANSFER TO DOT-APPROVED CONTAINER. LARGE SPILL:LARGE SPILLS SHOULD BE REMOVED BY VACUUM TRUCK. COLLECT INTO DOT APPROVED CONTAINER. WASTE SHOULD BE STABILIZED AND SOLIDIFIED.

Neutralizing Agent:NONE

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

Handling and Storage Precautions:LETHAL CONCENTRATIONS MAY EXIST IN AREAS WITH POOR VENTILATION.

Other Precautions

:SINCE COMPONENTS OF THIS PRODUCT ARE COMBUSTIBLE, ELIMINATE ALL POTENTIAL SOURCES OF IGNITION. THOROUGHLY VENTILATE AREA BEFORE REINTRODUCING OPERATIONS INVOLVING IGNITION(SMOKING, WELDING, ELECTRICAL CONTACT.

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

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

Ventilation:CONTR

OL AIRBORN CONCENTRATIONS BELOW EXPOSURE GUIDELINES WITH MECHANICAL VENTILATION.

Protective Gloves:IMPERMEABLE GLOVES ARE RECOMMENDED.

Eye Protection:SAFETY GLASSES OR CHEMICAL GOGGLES.

Other Protective Equipment:IF CONTACT OF LIQUID IS LIKELY, USE A FACE SHIELD.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING CHEMICALS. DO NOT EAT, DRINK OR SMOKE NEAR CHEMICALS.

Supplemental Safety and Health

LETHAL CONCENTRATIONS MAY EXIST IN AREAS WITH POOR VENTILATION. IF IRRITATION OF

THE EYES RESULTS FROM EXPOSURE, USE A FULL-FACE RESPIRATOR. OTHER MSDS'S SUPPLIED BY THIS MANUFACTURER APPEAR UNDER THIS SAME NSN AND CAN BE USED INTERCHANGEABLY BECAUSE THEY MEET MILITARY SPECIFICATIONS.

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

HCC:V2
Boiling Pt:=73.9C, 165.F
Vapor Pres:110
Vapor Density:4.5
Spec Gravity:1.3
Evaporation Rate & Reference:6.0(BUTYL ACETATE = 1)
Solubility in Water:NEGLIGIBLE
Appearance and Odor:PLEASANT ETHER-LIKE ODOR
. WHITE POWDER SUSPENDED IN
COLORLESS LIQUID.

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

Stability Indicator/Materials to Avoid:YES
STRONG ALKALIES (SUCH AS SODIUM HYDROXIDE) AND ALKALI METALS. DON'T STORE IN CONTACT WITH ALUMINUM.
Stability Condition to Avoid:FLAMES AND SPARKS. IGNITION SOURCES.
Hazardous Decomposition Products:HCL GAS. POSSIBLY TRACES OF TOXIC PHOSGENE. TOXIC FUMES WHEN HEATED TO DECOMPOSITION.

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

Waste Disposal Methods:COMPLY WITH ALL APPLICABLE GOVERNMENT REGULATIONS ON DISPOSAL OF WASTE. EMPTY CONTAINERS CAN HAVE RESIDUES, GASES, AND MISTS, AND ARE SUBJECT TO PROPER WASTE DISPOSAL.

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