

HUMISEAL DIVISION/CHASE CORPORATION -- 1 B 15 H AEROSOL -- 5970-00-990-4924  
===== Product Identification =====

Product ID:1 B 15 H AEROSOL

MSDS Date:06/17/1991

FSC:5970

NIIN:00-990-4924

MSDS Number: BHXCR

=== Responsible Party ===

Company Name:HUMISEAL DIVISION/CHASE CORPORATION

Address:26-60 BROOKLYN/QUEENS EXPRESSWAY WEST

Box:445

City:WOODSIDE

State:NY

ZIP:11377-0445

Country:US

Info Phone Num:71

8-932-0800/FAX -4345

Emergency Phone Num:718-932-0800

CAGE:HUMIS

=== Contractor Identification ===

Company Name:AR BEE CORP

Address:2455 AMERICAN LN

Box:City:ELK GROVE VILLAGE

State:IL

ZIP:60007-6263

Country:US

Phone:312-595-7334

CAGE:52993

Company Name:BECKER JOHN A CO

Address:1341 EAST 4TH ST

Box:City:DAYTON

State:OH

ZIP:45402-2235

Country:US

Phone:513-226-1341

CAGE:12497

Company Name:HUMISEAL DIVISION CHASE CORP

Address:26-60 BROOKLYN QUEENS EXPRESSWAY

Box:445

City:WOODSIDE

State:NY

ZIP:11377

Country:US  
Phone:718-932-0800  
CAGE:HUMIS  
Company Name:HUMISEAL DIVISION/CHASE CORPORATION  
Address:26-60 BROOKLYN QUEENS EXPRESSWAY WEST  
Box:City:WOODSIDE  
State:NY  
ZIP:11377  
Country:US  
Phone:718-932-0800  
CAGE:99109

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

Ingred Name:TOLUENE (SARA III)  
CAS:108-88-3  
RTECS #:XS5250000  
Fraction by Wt: 30-39%  
OSHA PEL:200 PPM/150 STEL  
ACGIH TLV:50 PPM; 9293  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

Ingred Name:ACETONE (SARA III)  
CAS:  
67-64-1  
RTECS #:AL3150000  
Fraction by Wt: 18-23%  
OSHA PEL:1000PPM  
ACGIH TLV:750PPM/1000STEL;9293  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

Ingred Name:METHYL CHLOROFORM (1,1,1-TRICHLOROETHANE) (SARA III)  
CAS:71-55-6  
RTECS #:KJ2975000  
Fraction by Wt: 8-12%  
OSHA PEL:350 PPM/450 STEL  
ACGIH TLV:350 PPM/450STEL;9192  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS  
Ozone Depleting Chemical:1

Ingred Name:PROPANE  
CAS:74-98-6  
RTECS #:TX2275000  
Fraction by Wt: 15-20%  
OSHA PEL:1000 PPM  
ACGIH TLV:ASPHYXIAN; 919

Ingrid Name: BUTANE  
 CAS: 106-97-8  
 RTECS #: EJ4200000  
 Fraction by Wt: 15-20%  
 OSHA PEL: 800 PPM  
 ACGIH TLV: 800 PPM; 9192

Ingrid Name: ACRYLIC POLYMER  
 Fraction by Wt: 10-15%

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

LD50 LC50 Mixture: ORAL LD50 (RAT) IS 5,000 MG/KG.  
 Routes of Entry: Inhalation: YES Skin: YES Ingestion: NO  
 Reports of Carcinogenicity: NTP: NO IARC: NO OSHA: NO  
 Health Hazards Acute and Chronic: ACUTE-MAY CAUSE IRRITATION, CORNEAL  
 BURNS. SKIN; PROLONGED/REPEATED  
 CONTACT CAN CAUSE  
 DEFATTING, DRYING, IRRITATION & DERMATITIS. INHALE: CAUSES CNS  
 DEPRESSION. MAY CAUSE DIZZINESS, HEADACHE, NAUSEA. >1000 PPM MAY CAUSE  
 CONVULSION & DEATH. ORAL: SIMILAR TO INHALE. POSE ASPIRATION  
 HAZARD. CHRONIC-MAY CAUSE DEFATTING & DERMATITIS.  
 Effects of Overexposure: MAY CAUSE IRRITATION, CORNEAL BURNS. PROLONGED  
 OR REPEATED SKIN CONTACT CAN CAUSE DEFATTING, DRYING, IRRITATION &  
 DERMATITIS. INHALATION CAUSES CNS DEPRESSION. MAY CAUSE DIZZINESS,  
 HEADACHE, NAUSEA  
 A. IF GREATER THAN 1000 PPM, MAY CAUSE CONVULSION &  
 DEATH. ORAL HAS SYMPTOMS SIMILAR TO INHALE. POSE ASPIRATION HAZARD.  
 Medical Cond Aggravated by Exposure: PRE-EXISTING SKIN DISORDERS MAY BE  
 MORE SUSCEPTIBLE TO THIS MATERIAL.

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

First Aid: GET MEDICAL ATTENTION IF SYMPTOMS PERSIST. SKIN: WASH WITH SOAP  
 & WATER. EYE: FLUSH WITH WATER FOR 15 MINUTES, HOLDING EYELIDS  
 OPEN. INHALED: REMOVE TO FRESH AIR & PROVIDE OXYGEN/CPR  
 IF  
 NEEDED. ORAL: DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION  
 IMMEDIATELY. NOTE TO PHYSICIAN: IF >2 ML/KG HAS BEEN INGESTED & NO  
 VOMITING, EMESIS SHOULD BE INDUCED. IF UNCONSCIOUS/CONVULSION  
 OCCURS, GASTRIC LAVAGE SHOULD BE DONE.

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

Flash Point Method: TOC  
 Flash Point: FLAMMABLE AEROSOL  
 Extinguishing Media: CARBON DIOXIDE, FOAM OR DRY CHEMICAL. WATER SPRAY  
 MAY BE USED TO KEEP FIRE EXPOSED CONTAINERS COOL & FLUSH SPILLS

AWAY.

Fire Fighting Procedures:WEAR FULL PROTECTIVE CLOTHING AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS WITH FULL FACEPIECE OPERATED IN THE POSITIVE PRESSURE MODE.

Unusual Fire/Explosion Hazard:CONTAINERS MAY RUPTURE AND RELEASE FLAMMABLE LIQUIDS AND/OR GASES IF EXPOSED TO HEAT ABOVE 120F. VAPORS HEAVIER THAN AIR. CAN TRAVEL TO IGNITION SOURCE & IGNITE

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

Spill Release Procedures:WEAR PROTECTIVE EQUIPMENT. ELIMINATE SOURCES OF IGNITION. VENTILATE AREA. PICK UP SPILLS WITH INERT ABSORBENT MATERIAL (SAND, VERMICULITE, ETC.). PLACE IN CONTAINERS. PREVENT ENTERING WATERWAYS/SEWERS .

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

Handling and Storage Precautions:STORAGE- KEEP AWAY FROM HEAT, SPARKS & OPEN FLAMES. STORE AT AMBIENT TEMPERATURE. GROUND TO PROTECT FROM STATIC CHARGE.

Other Precautions:AVOID EXCESSIVE INHALATION. DO NOT INCINERATE OR PUNCTURE CONTAINERS, EVEN WHEN EMPTY. WASH THOROUGHLY AFTER HANDLING. KEEP AWAY FROM REACH OF CHILDREN. KEEP CONTAINER CLOSED. USE ADEQUATE VENTILATION.

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

Respiratory Protection:NIOSH-APPROVED ORGANIC-VAPOR RESPIRATOR OR SELF-CONTAINED BREATHING APPARATUS IF TLV IS EXCEEDED.  
Ventilation:MECHANICAL (GENERAL AND/OR LOCAL EXHAUST, EXPLOSION-PROOF) VENTILATION TO MAINTAIN EXPOSURE BELOW TLV(S).

Protective Gloves:IMPERVIOUS

Eye Protection:CHEMICAL TYPE GOGGLES

Other Protective Equipment:EYE WASH STATION & SAFETY SHOWERS SHOULD BE AVAILABLE IN THE IMMEDIATE VICINITY OF ANY POTENTIAL EXPOSURE.

Work Hygienic Practices:USE ONLY AS DIRECTED ON LABEL. READ LABEL BEFORE USING PRODUCT.

Supplemental Safety and Health  
FORMULA CHANGED. FOR PREVIOUS FORMULATION, SEE PNI A OR B, UNDER THE SAME NSN.

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

HCC:V3

Evaporation Rate & Reference:

>1 (N-BUTYL ACETATE=1)

Solubility in Water:NEGLIGIBLE

Appearance and Odor:WATER CLEAR, LOW VISCOSITY LIQUID, AROMATIC ODOR

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS

Stability Condition to Avoid:HIGH HEAT, OPEN FLAMES, DIRECT SUNLIGHT,  
TEMPERATURES ABOVE 120F, SPARKS, HOT SURFACES

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE

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

=====

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH ALL LOCAL, STATE  
AND FEDERAL REGULATIONS.

Disclaimer (provided with this information by the compiling agencies):

This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.