

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

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Composition/Information on Ingredients  
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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:ASPHYXIANT; 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 =====

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

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