

HUMISEAL 1A20

MSDS Number

BSDRW

National Stock Number

5970-01-021-2623

Product Name

HUMISEAL 1A20

Manufacturer

HUMISEAL DIV COLUMBIA CHASE CORP

Product Identification

Product ID:HUMISEAL 1A20

MSDS Date:07/09/1986

FSC:5970

NIIN:01-021-2623

MSDS Number: BSDRW

Responsible Party

HUMISEAL DIV,COLUMBIA CHASE CORPORATION

26-60 BROOKLYN QUEENS EXPRESSWAY WEST

WOODSIDE , NY 11377-0445

US

Emergency Phone: 718-932-0800

Info Phone: 718-932-0800

Cage: 99109

Contractor

HUMISEAL DIVISION/CHASE CORPORATION

WOODSIDE, NY 11377

US

718-932-0800

Cage: 99109

Ingredients

PROPYLENE GLYCOL MONOMETHYL ETHER ACETATE

CAS: 108-65-6

RTECS: AI8295000

Fraction By Weight: 25%

OSHA PEL100 PPM

ACGIH TLV: 100 PPM

XYLENES (O-,M-,P- ISOMERS) (SARA III)

CAS: 1330-20-7

RTECS: ZE2100000

Fraction By Weight: 20 - 25%

OSHA PEL100 PPM/150 STEL

ACGIH TLV: 100 PPM/150STEL;9293

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

ETHYL BENZENE (SARA III)

CAS: 100-41-4

RTECS: DA0700000

Fraction By Weight: 5%

OSHA PEL100 PPM/125 STEL

ACGIH TLV: 100 PPM/125STEL 9293

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

TOLUENEDIISOCYANATE (MIXED ISOMERS) (SARA III)

CAS: 26471-62-5

RTECS: NQ9490000

Fraction By Weight:

EPA Report Quantity: 100 LBS

DOT Report Quantity: 100 LBS

PREPOLYMER RESIN

Fraction By Weight: 50%

Hazards

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:ACUTE: INHALATION MAY CAUSE RESPIRATORY AND MUCOUS MEMBRANE IRRITATION. CONTACT MAY CAUSE SKIN AND EYE IRRITATION. NO HEALTH EFFECTS NOTED FOR INGESTION. CHRONIC: PROLONGED OR REPEATED EXPOSURE MAY CAUSE LUNG IRRITATION, DERMATITIS, CARDIACABNORMALITIES.

Explanation of Carcinogenicity:NO INGREDIENT OF A CONCENTRATION OF 0.1% OR GREATER IS LISTED AS A CARCINOGEN OR SUSPECTED CARCINOGEN.

Effects of Overexposure:INHALED: COUGHING, CHOKING, ASTHMA-LIKE BREATHING. SKIN: REDNESS, DISCOMFORT. EYES: REDNESS, DISCOMFORT. INGESTED: NONE GIVEN.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

First Aid

First Aid:INHALED: REMOVE TO FRESH AIR. GIVE OXYGEN IF BREATHING DIFFICULT. GIVE ARTIFICIAL RESPIRATION IF BREATHING STOPPED. EYES: FLUSH WITH WATER FOR 15 MINUTES. SEE DOCTOR. SKIN: REMOVE CONTAMINATED CLOTHES . WASH WITH GREEN TINCTURE OF SOAP AND WATER. INGESTED: GET MEDICAL ATTENTION.

Fire Fighting

Flash Point Method:TCC

Flash Point:83.0F,28.3C

Lower Limits:1.0%

Upper Limits:7.0%

Extinguishing Media:DRY CHEMICAL, FOAM, CARBON DIOXIDE. WATER MAY BE INEFFECTIVE.

Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS. FIGHT AS FLAMMABLE LIQUID FIRE. USE WATER TO COOL FIRE EXPOSED CONTAINERS TO REDUCE PRESSURE.

Unusual Fire/Explosion Hazard:VAPOR IS FLAMMABLE AND HEAVIER THAN AIR
AND MAY TRAVEL TO SOURCE OF IGNITION AND FLASHBACK.

Accidental Release

Spill Release Procedures:ELIMINATE ALL SOURCES OF IGNITION. VENTILATE
AREA. WEAR RESPIRATORY POTECTION. USE NON-SPARKING TOOLS. ABSORB
WITH INERT MATERIALS AND PLACE IN A CONTAINER FOR LATER DISPOSAL.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

Handling

Handling and Storage Precautions:STORE IN AWAY FROM SOURCES OF IGNITION
AND STRONG OXIDIZING AGENTS. AVOID PROLONGED SKIN CONTACT.
Other Precautions:GROUND AND BOND CONTAINERS WHILE POURING AND LIMIT
FREE-FALL TO PREVENT STATIC DISCHARGE/IGNITION. EMPTIED CONTAINERS
MAY RETAIN HAZARDOUS RESIDUES. DO NOT CUT, PUNCTURE, OR WELD NEAR
THE CONTAINER.

Exposure Controls

Respiratory Protection:IF ENGINEERING CONTROLS FAIL OR NON-ROUTINE USE
OR EMERGENCY OCCURS; USE NIOSH/MSHA APPROVED RESPIRATOR OR SUPPLIED
AIR RESPIRATOR OR SCBA, AS REQUIRED. USE IN ACCORDANCE WITH 29 CFR
1910.134.
Ventilation:USE ADEQUATE MECHANICAL EXPLOSION-PROOF VENTILATION OR
LOCAL EXHAUST TO MAINTAIN EXPOSURE BELOW TLV.
Protective Gloves:NITRILE
Eye Protection:SAFETY GLASSES/CHEMICAL SPLASH GOGGLES
Other Protective Equipment:EYE WASH STATION & SAFETY SHOWER
Work Hygienic Practices:WASH HANDS AFTER USE AND BEFORE EATING,
DRINKING, OR SMOKING. LAUNDER CONTAMINATED CLOTHES BEFORE REUSE.
Supplemental Safety and Health
NSN CANCELLED WITH EFFECTIVE DATE 94032; NO REPLACEMENT. D-MIL CODE: A.

Chemical Properties

HCC:F3
Boiling Pt: =137.8C, 280.F
Vapor Pres: >2.4 MM HG
Vapor Density: >1 (AIR=1)
Spec Gravity:1.36 (WATER=1)
Evaporation Rate & Reference:Solubility in Water:NEGLIGIBLE (Appearance and Odor:LOW VISCOSITY STRAW COLORED LIQUID WITH AROMATIC
ODOR

Stability

Stability Indicator/Materials to Avoid:YES
STRONG OXIDIZING AGENTS
Hazardous Decomposition Products:CARBON MONOXIDE AND CARBON DIOXIDE,
OXIDES OF NITROGEN, ACRROLEIN.

Disposal

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND
FEDERAL REGULATIONS. MANUFACTURE RECOMMENDS INCINERATION OR SECURE
LANDFILL.

=====

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.