



HUMISEAL 1A33

MSDS Number

BHBCD

National Stock Number

5970-01-022-9295

Product Name

HUMISEAL 1A33

Manufacturer

HUMISEAL DIV COLUMBIA CHASE CORP

Product Identification

Product ID:HUMISEAL 1A33

MSDS Date:11/13/1992

FSC:5970

NIIN:01-022-9295

MSDS Number: BHBCD

Responsible Party

HUMISEAL DIV COLUMBIA CHASE CORP

26-60 BROOKLYN QUEENS EXPRESSWAY WEST

WOODSIDE , NY 11377

US

Emergency Phone: 718-932-0800

Info Phone: 718-932-4345

Cage: GO455

Contractor

HUMISEAL DIVISION/CHASE CORPORATION

WOODSIDE, NY 11377

US

718-932-0800

Cage: 99109

Ingredients

XYLENE, DIMETHYLBENZENE, XYLOL

CAS: 1330-20-7

RTECS: ZE2100000

Fraction By Weight: 40-44%

OSHA PEL100 PPM

ACGIH TLV: 100 PPM, SKIN

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

ETHYL BENZENE

CAS: 100-41-4

RTECS: DA0700000

Fraction By Weight: 3-6%



OSHA PEL435 MG/CUM

ACGIH TLV: 434 MG/CUM

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

TOLUENE

CAS: 108-88-3

RTECS: XS5250000

Fraction By Weight: 3-6%

OSHA PEL200 PPM/150 STEL

ACGIH TLV: 50 PPM; 9293

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

2-BUTANONE (METHYL ETHYL KETONE) (MEK)

CAS: 78-93-3

RTECS: EL6475000

Fraction By Weight: 3-6%

OSHA PEL200 PPM

ACGIH TLV: 590 MG/CUM

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

OIL MODIFIED POLYURETHANE RESIN

Fraction By Weight: 45-55%

OPTIC BRIGHTNER

Fraction By Weight: 0.1%

FUNGICIDE

Fraction By Weight: 0.1%

Hazards

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:INHALATION: NOSE, THROAT & RESPIRATORY TRACT IRRITATION, CENTRAL NERVOUS SYSTEM DEPRESSION, GIDDINESS, HEADACHE, DIZZINESS & NAUSEA. SKIN: IRRITATION, DEFATTING, & DRYING. EYES: IRRITATION. INGESTION: HARMFUL. ASPIRATION OF VOMITUS INTO LUNGS MAY CAUSE PNEUMONITIS W/COUGHING, LABORED BREATHING & BLUIISH SKIN (CYANOSIS).

Explanation of Carcinogenicity:NONE

Effects of Overexposure:INHALATION: UNCONSCIOUSNESS & DEATH.

Medical Cond Aggravated by Exposure:EYE, SKIN & RESPIRATORY DISORDERS

First Aid

First Aid:EYES: FLUSH W/WATER FOR 15 MINS WHILE HOLDING EYELIDS OPEN.
SKIN: WASH W/SOAP & WATER. INHALATION: REMOVE TO FRESH AIR &



PROVIDE OXYGEN IF BREATHING IS DIFFICULT. IF BREATHING STOPS, GIVE ARTIFICIAL RESPIRATION. INGESTION: DON'T INDUCE VOMITING. IF VOMITING OCCURS SPONTANEOUSLY, KEEP HEAD BELOW HIPS TO PREVENT ASPIRATION OF LIQUID INTO LUNGS. OBTAIN MEDICAL ATTENTION IN ALL CASES. (SEE SUPP).

Fire Fighting

Flash Point Method:TCC
Flash Point:30F
Lower Limits:1%
Upper Limits:7%
Extinguishing Media:DRY CHEMICAL, FOAM, CO2.
Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS.
Unusual Fire/Explosion Hazard:VAPOR IS FLAMMABLE & HEAVIER THAN AIR & MAY TRAVEL TO SOURCE OF IGNITION & FLASHBACK.

Accidental Release

Spill Release Procedures:ABSORB W/INERT MATERIAL (SAND, VERMICULITE, ETC). SCOOP UP W/NON-SPARKING TOOLS. REMOVE IGNITION SOURCES. PROVIDE VENTILATION &/OR RESPIRATORY PROTECTION.

Handling

Handling and Storage Precautions:STORE AT AMBIENT TEMPERATURE. GROUND CONTAINERS WHEN POURING TO PREVENT STATIC SPARK. KEEP CONTAINERS CLOSED. USE W/ADEQUATE VENTILATION.

Exposure Controls

Respiratory Protection:USE ORGANIC VAPOR-TYPE RESPIRATOR APPROVED BY NIOSH IF TLV IS EXCEEDED.
Ventilation:LOCAL EXHAUST OR MECHANICAL (GENERAL): EXPLOSION PROOF.
Protective Gloves:IMPERVIOUS, BUNA-N, SOLVEX
Eye Protection:CHEMICAL TYPE GOGGLES
Work Hygienic Practices:REMOVE/LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.
Supplemental Safety and Health
NOTE TO PHYSICIAN: IF MORE THAN 2 ML/KG IS INGESTED & VOMITING HAS NOT OCCURRED, EMESIS SHOULD BE INDUCED. KEEP HEAD BELOW HIPS TO PREVENT ASPIRATION. IF SYMPTOMS SUCH AS LOSS OF GAG REFLEX, CONVULSIONS, OR UNCONSCIOUSNESS OCCUR BEFORE EMESIS, GASTRIC LAVAGE USING A CUFFED ENDOTRACHEAL TUBE SHOULD BE CONSIDERED.

Chemical Properties

Boiling Pt:B.P. Text:279F
Vapor Pres:19.4
Vapor Density:3.6
Spec Gravity:0.93
Evaporation Rate & Reference:(BU AC = 1): 3.17
Solubility in Water:NEGLIGIBLE
Appearance and Odor:WATER CLEAR LIQUID W/SOLVENT ODOR
Percent Volatiles by Volume:45-55

Stability

Stability Indicator/Materials to Avoid:YES
STRONG OXIDIZING AGENTS
Stability Condition to Avoid:HEAT, SPARKS, OPEN FLAMES
Hazardous Decomposition Products:CO & CO2

Disposal

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE W/LOCAL, STATE, & FEDERAL REGULATIONS.

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