

HUMISEAL 2A53 PART B

MSDS Number

BWRKB

National Stock Number

5970-00-418-1922

Product Name

HUMISEAL 2A53 PART B

Manufacturer

HUMISEAL DIV COLUMBIA CHASE CORP

Product Identification

Product ID:HUMISEAL 2A53 PART B

MSDS Date:07/29/1994

FSC:5970

NIIN:00-418-1922

Kit Part:Y

MSDS Number: BWRKB

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

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

CAS: 1330-20-7

RTECS: ZE2100000

Fraction By Weight: 40-43%

OSHA PEL100 PPM/150 STEL

ACGIH TLV: 100 PPM/150STEL;9192

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

ETHYL BENZENE (SARA III)

CAS: 100-41-4

RTECS: DA0700000

Fraction By Weight: 3-5%

OSHA PEL100 PPM/125 STEL

ACGIH TLV: 100 PPM/125STEL 9192

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

TERT-BUTYL ALCOHOL (SARA III)

CAS: 75-65-0

RTECS: EO1925000

Fraction By Weight: 8-11%

OSHA PEL100 PPM

ACGIH TLV: 100PPM 9394

ISOPROPYL ALCOHOL (SARA III)

CAS: 67-63-0

RTECS: NT8050000

Fraction By Weight: 3-5%

OSHA PEL400 PPM/500 STEL

ACGIH TLV: 400 PPM/500STEL;9192

ALIPHATIC POLYAMONOAMIDE

Fraction By Weight: 40-44%

868 GRAMS/LITER.

RTECS: 9999999VO

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: EXPOSURE MAY CAUSE EYE, SKIN & RESPIRATORY TRACT IRRITATION. INHALATION OF HIGH VAPOR CONCENTRATIONS MAY CAUSE CNS DEPRESSION. INGESTION MAY CAUSE GI TRACT IRRITATION & CNS DEPRESSION. ASPIRATION MAY CAUSE LUNG DAMAGE. CHRONIC: PROLONGED/REPEATED EXPOSURE MAY CAUSE DERMATITIS.

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

Effects of Overexposure:EYE: MINIMAL IRRITATION BY LIQUID OR VAPOR.

SKIN: MILDLY IRRITATING. DRYING, DEFATTING, DERMATITIS. INHALED: RESPIRATORY IRRITATION, CNS DEPRESSION. INGESTED: MODERATE TOXIC, HARMFUL IF SWALLOWED. CNS DEPRESSION, VOMITING. LARGE DOSES EFFECT KIDNEYS, LIVER, LUNGS, SPLEEN, HEART, ADRENAL.

Medical Condition Aggravated by Exposure:PRE-EXISTING EYE, SKIN, RESPIRATORY CONDITIONS.

First Aid

First Aid:INHALATION-REMOVE TO FRESH AIR. GIVE ARTIFICIAL RESPIRATION IF NOT BREATHING. GET MEDICAL ATTENTION. EYE-FLUSH WITH WATER FOR 15 MINUTES. GET MEDICAL ATTENTION. SKIN-WASH WITH SOAP & WATER. REMOVE CONTAMINATED CLOTHING. INGESTION-DO NOT INDUCE VOMITING. NOTHING BY MOUTH IF UNCONSCIOUS. GET MEDICAL ATTENTION IMMEDIATELY.

Fire Fighting

Flash Point Method:TCC
Flash Point:59.0F,15.0C
Lower Limits:1.0
Upper Limits:12.7
Extinguishing Media:FOAM, CARBON DIOXIDE, DRY CHEMICAL
Fire Fighting Procedures:FIGHT AS FLAMMABLE LIQUID FIRE. WEAR
SELF-CONTAINED BREATHING APPARATUS.
Unusual Fire/Explosion Hazard:FLAMMABLE VAPOR IS HEAVIER THAN AIR, MAY
TRAVEL TO IGNITION SOURCE AND FLASHBACK.

Accidental Release

Spill Release Procedures:ABSORB WITH INERT MATERIAL (SAND,
VERMICULITE). LARGE SPILLS MAY BE SCOOPED UP WITH NON-SPARKING
TOOLS. REMOVE SOURCES OF IGNITION. PROVIDE VENTILATION OR
RESPIRATORY PROTECTION.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

Handling

Handling and Storage Precautions:KEEP AWAY FROM HEAT ,SPARKS,AND OPEN
FLAME. STORE AT AMBIENT TEMP. GROUND CONTAINERS WHEN POURING TO
PREVENT STATIC. USE ADEQUATE VENTILATION.
Other Precautions:NONE SPECIFIED BY MANUFACTURER.

Exposure Controls

Respiratory Protection:IF ENGINEERING CONTROLS FAIL OR NON-ROUTINE USE
OR AN EMERGENCY OCCURS; WEAR AN MSHA/NIOSH APPROVED RESPIRATOR OR
AN AIR-SUPPLIED RESPIRATOR OR SCBA, AS REQUIRED. USE IN ACCORDANCE
WITH 29 CFR 1910.13 4 AND MANUFACTURER'S RECOMMENDATIONS.
Ventilation:USE ADEQUATE EXPLOSION-PROOF MECHANICAL VENTILATION OR
LOCAL EXHAUST TO MAINTAIN EXPOSURE BELOW TLV(S).
Protective Gloves:NITRILE, BUTYL, PVA.
Eye Protection:SAFETY GLASSES/CHEMICAL SPLASH GOGGLES
Other Protective Equipment:CLOTHING AS NEEDED TO PREVENT SKIN CONTACT
TO WORKERS. DLA-HMIS: EYE WASH STATION & SAFETY SHOWER.
Work Hygienic Practices:DLA-HMIS: WASH HANDS AFTER HANDLING AND BEFORE
EATING, DRINKING, OR SMOKING. LAUNDER CONTAMINATED CLOTHES BEFORE
REUSE.
Supplemental Safety and Health
KEY1=F3. ENVIRONMENTAL NOTES: EPA/RCRA WASTE NUMBERS-DOO1 9IGNITABLE),
U239 (XYLENE) MAY APPLY TO UNUSED/UNCONTAMINATED PRODUCT.

Chemical Properties

HCC:F2
Boiling Pt:=83.C, 181.4F
Vapor Pres:19.4 MM
Vapor Density:>1
Spec Gravity:0.94
Evaporation Rate & Reference:1.72 (N-BUTYL ACETATE=1)
Solubility in Water:NEGLIGIBLE
Appearance and Odor:WATER CLEAR LIQUID, SOLVENT ODOR
Percent Volatiles by Volume:57-61

Stability

Stability Indicator/Materials to Avoid:YES
AVOID CONTACT WITH STRONG OXIDIZING AGENTS
Stability Condition to Avoid:MFR SAID "NOT APPLICIABLE" IN THIS FIELD.
Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE
Conditions to Avoid Polymerization:MFR SAID "NOT APPLICIABLE" IN THIS
FIELD.

Disposal

Waste Disposal Methods:DISPOSAL OF HUMISEAL PRODUCTS REQUIRES STRICT
COMPLIANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS PERTAINING TO
DISPOSAL OF HAZARDOUS WASTE MATERIALS. CONTACT THE APPROPRIATE
AUTHORITIES.

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