

HUMISEAL DIV,COLUMBIA CHASE CORPORATION -- HUMISEAL 2A53 PART B -- 5970-00-418-1922
===== 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 ===

Company Name:HUMISEAL DIV,COLUMBIA CHASE CORPORATION

Address:26-60 BROOKLYN QUEENS EXPRESSWAY WEST

Box:445

City:WOODSIDE

State:NY

ZIP:11377-0445

Country:US

Info Phone Num:718-932-0800

Emergency Phone Num:718-932-0800

CAGE:99109

=== Contractor Identification ===

Company Name:ARGENT INDUSTRIES INC

Address:477 E WENGER ROAD

Box:City:ENGLEWOOD

State:OH

ZIP:45322

Country:US

Phone:937-836-8633

CAGE:25579

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:XYLENES (O-,M-,P- ISOMERS) (SARA III)
CAS:1330-20-7
RTECS #:ZE2100000
Fraction by Wt: 40-43%
Other REC Limits:NONE SPECIFIED
OSHA PEL:100 PPM/150 STEL
ACGIH TLV:100 PPM/150STEL;9192
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:ETHYL BENZENE (SARA III)
CAS:100-41-4
RTECS #:DA0700000
Fraction by Wt: 3-5%
Other REC Limits:NONE SPECIFIED
OSHA PEL:100 PPM/125 STEL
ACGIH TLV:100 PPM/125STEL 9192
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:TERT-BUTYL ALCOHOL (SARA III)
CAS:75-65-0
RTECS #:EO1925000
Fraction by Wt: 8-11%
Other REC Limits:NONE SPECIFIED
OSHA PEL:100 PPM
ACGIH TLV:100PPM 9394

Ingred Name:ISOPROPYL ALCOHOL (SARA III)
CAS:67-63-0
RTECS #:NT8050000
Fraction by Wt: 3-5%
Other REC Limits:NONE SPECIFIED
OSHA PEL:400 PPM/500 STEL
ACGIH TLV:400 PPM/500STEL;9192

Ingred Name:ALIPHATIC POLYAMONOAMIDE
Fraction by Wt: 40-44%
Other REC Limits:NONE RECOMMENDED

Ingred Name:VOLATILE ORGANIC CONTENT: 868 GRAMS/LITER.
RTECS #:9999999VO
Other REC Limits:NONE RE

COMMENDED

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

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

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

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 Measures =====

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 Measures =====

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.

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

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.

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

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 1910.134 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. LAUNDRY CONTAMINATED CLOTHES BEFORE REUSE.

Supplemental Safety and Health

KEY1=F3. ENVIRONMENTAL NOTES: EPA/RCRA WASTE NUMBERS-DOO1 (IGNITABLE),

U239 (XYLENE) MAY APPLY TO UNUSED/UNCONTAMINATED PRODUCT.

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===== Physical/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

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

Stability Indicator/Material

s to Avoid: YES

AVOID CONTACT WITH STRONG OXIDIZING AGENTS

Stability Condition to Avoid: MFR SAID "NOT APPLICABLE" IN THIS FIELD.

Hazardous Decomposition Products: CARBON MONOXIDE, CARBON DIOXIDE

Conditions to Avoid Polymerization: MFR SAID "NOT APPLICABLE" IN THIS FIELD.

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

Waste Disposal Methods: DISPOSAL OF HEMIACETAL 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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