

HUMISEAL DIV,COLUMBIA CHASE CORPORATION -- 1 A 27 -- 5970-00-995-3652

===== Product Identification =====

Product ID:1 A 27

MSDS Date:04/17/1995

FSC:5970

NIIN:00-995-3652

MSDS Number: BGCGR

=== Responsible Party ===

Company Name:HUMISEAL DIV,COLUMBIA CHASE CORPORATION

Address:26-60 BROOKLYN QUEENS EXPRESSWAY WEST

Box:445

City:FLUSHING (FORMALLY IN WOODSIDE)

State:NY

ZIP:11377-0445

Country:US

Info P

hone Num:718-932-0800

Emergency Phone Num:718-932-0800/800-424-9300(CHEMTREC)

Preparer's Name:JIM LAWRENCE

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:CHESAPEAKE ASSOC. ENT.

Address:22 NEWPORT DR

Box:City:FOREST HILL

State:MD

ZIP:21050

Country:US

Phone:410-838-0260

CAGE:7R834

Company Name:HUMISEAL DIVISION/CHASE CORPORATION

Address:26-60 BROOKL

YN 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:XYLENES (O-,M-,P- ISOMERS) (SARA 313) (CERCLA)
CAS:1330-20-7
RTECS #:ZE2100000
Fraction by Wt: 38 - 44%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:100 PPM
ACGIH TLV:100 PPM/150STEL;9495
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:ETHYL BENZENE (SARA 313)
CAS:100-41-4
RTECS #:DA0700000
Fraction by Wt:
7 - 12%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:100 PPM
ACGIH TLV:100 PPM/125STEL;9495
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:OIL MODIFIED POLYURETHANE RESIN
Fraction by Wt: 45 - 55%
Other REC Limits:NONE RECOMMENDED

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Hazards Identification
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LD50 LC50 Mixture:LD50 (ORAL, RAT) IS NOT KNOWN.
Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:TA

TARGET ORGANS:EYE, SKIN, CNS, LIVER, KIDNEY, LUNG, GI TRACT. ACUTE- MAY CAUSE MILD EYE/SKIN IRRITATION. CAN BE ABSORBED THROUGH SKIN. MODERATELY TOXIC & HARMFUL IF INGESTED. MAY CAUSE CNS DEPRESSION. ASPIRATION HAZARD. INHALATION MAY CAUSE IRRITATION, CNS DEPRESSION. CHRONIC- MAY CAUSE LIVER, KIDNEYS INJURY, DERMATITIS

Explanation of Carcinogenicity:NONE

Effects of Overexposure:IRRITATION, HEADACHE, DIZZINESS, NAUSEA, VOMITING, INCOORDINATION, DRY SKIN, COUGH, DERMATITIS

Me

dical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING SKIN DISORDERS, EYE PROBLEMS OR IMPAIRED CNS OR RESPIRATORY FUNCTION MAY BE MORE SUSCEPTIBLE TO THE EFFECTS OF THIS PRODUCT.

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First Aid Measures
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First Aid:GET MEDICAL HELP IF SYMPTOMS PERSIST. INHALED:REMOVE TO FRESH AIR. PROVIDE CPR/OXYGEN IF NEEDED. EYES:FLUSH WITH WATER FOR 15 MINUTES, HOLDING EYELIDS OPEN. SKIN:WASH WITH SOAP & WATER. ORAL:DO NOT INDUCE VOMITING
. IF CONSCIOUS, DRINK 1-2 GLASSES OF WATER. IF VOMITING OCCURS SPONTANEOUSLY, KEEP HEAD BELOW KNEE TO PREVENT ASPIRATION OF LIQUID INTO THE LUNGS. GET MEDICAL ATTENTION.

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Fire Fighting Measures
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Flash Point Method:TCC

Flash Point:=-26.7C, 80.F

Lower Limits:0.9

Upper Limits:6.8

Extinguishing Media:USE CARBON DIOXIDE, SAND, FOAM/DRY CHEMICAL. WATER SPRAY MAY BE USED TO KEEP FIRE EXPOSED CONTAINERS COOL.

Fire Fighting Procedures:WEAR FULL PRO

TECTIVE CLOTHING AND

NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:VAPOR IS HEAVIER THAN AIR AND CAN TRAVEL CONSIDERABLE DISTANCE TO A SOURCE OF IGNITION AND FLASH BACK. CONTAINERS MAY RUPTURE DUE TO VAPOR PRESSURE BUILDUP.

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Accidental Release Measures
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Spill Release Procedures:WEAR PROTECTIVE EQUIPMENT. ELIMINATE SOURCES OF IGNITION. VENTILATE AREA. CONTAIN SPILL. PICK UP SPILL WITH NON-FLAMMABLE ABSORBENT

RBENT SUCH AS SAND, EARTH/USE PUMP (EXPLOSION PROOF). GROUND ALL HANDLING EQUIPMENTS. PREVENT LIQUID FROM ENTERINGSEWERS.

Neutralizing Agent:NOT RELEVANT

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

Handling and Storage Precautions:STORE IN A COOL PLACE, AWAY FROM IGNITION SOURCES & INCOMPATIBLE MATERIALS. USE GROUND STRAP. KEEP CONTAINER CLOSED WHEN NOT IN USE.

Other Precautions:WARNING! FLAMMABLE. EMPTY CONTAINERS RETAIN RESIDUE AND CAN BE DANGEROU

S. DO NOT PUNCTURE/WELD ON OR NEAR CONTAINER.

USE WITH ADEQUATE VENTILATION. DO NOT BREATHE VAPORS. AVOID EYES AND SKIN CONTACT. KEEP OUT OF REACH OF CHILDREN.

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

Respiratory Protection:NONE REQUIRED IF GOOD VENTILATION IS MAINTAINED. WEAR NIOSH-APPROVED ORGANIC VAPOR RESPIRATOR IF TLV EXCEEDED. IN CONFINED AREAS, WEAR A NIOSH APPROVED AIR SUPPLIED RESPIRATOR.

Ventilation:MECHANICAL (GENERAL AND/OR LOCAL EXHAUST, EXPLOSION-PROOF)

VENTILATION TO MAINTAIN EXPOSURE BELOW TLV(S).

Protective Gloves:RUBBER, NEOPRENE FOR REPEATED CONTACT

Eye Protection:SAFETY GOGGLES/FACE SHIELD IF SPLASHING

Other Protective Equipment:PROTECTIVE CLOTHING, SAFETY SHOWER AND EYEWASH FACILITY

Work Hygienic Practices:OBSERVE GOOD INDUSTRIAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES.

Supplemental Safety and Health

NOTE TO PHYSICIAN: IF MORE THAN 2.0 ML PER KG HAS BEEN INGESTED AND VOMITING HAS NOT OCCURED, EMESIS

SHOULD BE INDUCED WITH

SUPERVISION. KEEP VICTIM'S HEAD BELOW HIPS. IF SYMPTOMS SUCH AS LOSS OF GAG REFLEX, CONVULSION OR UNCONSCIOUSNESS OCCUR, GASTRIC LAVAGE USING A CUFFED ENDOTRACHEAL TUBE SHOULD BE CONSIDERED.

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===== Physical/Chemical Properties =====

HCC:F3

NRC/State Lic Num:NOT RELEVANT

Boiling Pt.=137.2C, 279.F

Vapor Pres:19.4

Vapor Density:3.6

Spec Gravity:0.96

Evaporation Rate & Reference:0.60 (N-BUTYL ACETATE=1)

Solubility in Water:NEGLIGI

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