

COLUMBIA CHASE CORP. HUMISEAL DIV. -- 2A64 HUMISEAL PART A -- 5970-01-013-8611

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

Product ID:2A64 HUMISEAL PART A

MSDS Date:09/29/1989

FSC:5970

NIIN:01-013-8611

MSDS Number: BKQWN

=== Responsible Party ===

Company Name:COLUMBIA CHASE CORP. HUMISEAL DIV.

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:EO647

=== Contractor Identification ===

Company Name:COLUMBIA CHASE CORPORATION

Box:445

CAGE:EO647

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

Company Name:INLAND PACKAGING INC

Address:209 PETERSON DR

Box:644

City:ELIZABETHTOWN

State:KY

ZIP:42701-9804

Country:US

Phone:502-737-6757

CAGE:66172

===== Composi

tion/Information on Ingredients =====

Ingred Name:TOLUENE (SARA III)  
CAS:108-88-3  
RTECS #:XS5250000  
Fraction by Wt: 14 - 21%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:200 PPM/150 STEL  
ACGIH TLV:50 PPM; 9293  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

Ingred Name:PROPYLENE GLYCOL MONOMETHYL ETHER ACETATE  
CAS:108-65-6  
RTECS #:AI8295000  
Fraction by Wt: 26 -30%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:100 PPM  
ACGIH TLV:100 PPN

Ingred Name:ETHYL ACETATE (SARA III)  
CAS:141-78-6  
RTECS #:AH54  
25000  
Fraction by Wt: 1 - 2%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:400 PPM  
ACGIH TLV:400 PPM; 9192  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

Ingred Name:POLYESTERS, PROPRIETARY  
RTECS #:9999999ZZ  
Fraction by Wt: 42 - 50%  
Other REC Limits:NONE SPECIFIED

===== 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:IRRITATION IF THE NOSE, THROAT

, EYES,  
LUNGS AND SKIN. UNUSUAL OR LABORED OR ASTHMA-LIKE BREATHING,  
CARDIAC ABNORMALITY.

Effects of Overexposure:SEE HEALTH HAZARDS

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:REMOVE SATURATED CLOTHING, WASH SKIN WITH GREEN TINCTURE OF  
SOAP, FLUSH EYES 15 MINUTES WITH CLEAR WATER, REMOVE PATIENT TO  
FRESH AIR. CALL A PHYSICIAN.

===== Fire Fighting Measures  
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Flash Point Method:TCC

Flash Point:27.0F,-2.8C

Lower Limits:1.4

Upper Limits:6.7

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

Fire Fighting Procedures:FIGHT AS FLAMMABLE LIQUID.

Unusual Fire/Explosion Hazard:VAPOR IS FLAMMABLE AND HEAVIER THAN AIR  
AND MAY TRAVEL TO SOURCE OF IGNITION AND FLASHBACK. USE WATER TO  
KEEP FIRE EXPOSED CONTAINERS COOL TO REDUCE PRESSURE.

===== Accidental Release Measures =====  
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Spill Release Procedures:REMOVE SOURCES OF IGNITION. PROVIDE  
VENTILATION AND/OR RESPIRATORY PROTECTION. ABSORB SMALL SPILLS WITH  
AN INERT MATERIAL OR PICK UP LARGE SPILLS WITH NON SPARKING TOOLS.  
RESIDUES MAY BE CLEANED UP WITH ALCOHOL/WATER OR AMMONIA  
SOLUTIONS.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:STORE AWAY FROM HEAT, SPARKS AND OPEN  
FLAME. AVOID

PROLONGED SKIN CONTACT. DON'T BREATHE SPRAY MISTS.  
GROUND CONTAINERS WHILE POURING.  
Other Precautions:EMPTIED CONTAINERS MAY RETAIN HAZARDOUS PROPERTIES.  
DO NOT CUT, PUNCTURE OR WELD ON OR NEAR THE CONTAINER.

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

Respiratory Protection:APPROVED MASK OR RESPIRATORS FOR ORGANIC VAPOR  
AND PARTICULATE.  
Ventilation:LOCAL EXHAUST. EXPLOSION PROOF MECHANICAL VENTILATION.  
Protective Gloves:SOLVENT RESISTANT  
Eye Protection:CHEMICAL GOGGLES  
Other Protective Equipment:EYE WASH AND SAFETY SHOWER  
Work Hygienic Practices:WASH HANDS AFTER USING THIS PRODUCT.  
Supplemental Safety and Health  
NONE

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

HCC:F4  
Boiling Pt.=141.1C, 286.F  
Vapor Pres:14  
Vapor Density:4.6  
Spec Gravity:1.03  
Evaporation Rate & Reference:1.78 (N-BUTYL ACETATE=1)  
Solubility in Water:NEGLIGIBLE  
Appearance and Odor:LOW VISCOSITY, STRAW COLORED LIQUID WITH AROMATIC  
ODOR.  
Percent Volatiles by Volume:40-50

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

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

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

Waste Disposal Methods:DISPOSAL OF HUMISEAL PRODUCTS REQUIRES STRICT  
COMPLIANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS PERTAINING TO  
DISPOSING

HAZARDOUS WASTE MATERIALS. CONTACT THE APPROPRIATE ENVIRONMENTAL AGENCIES.

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