

COLUMBIA CHASE CORP. HUMISEAL DIV. -- HUMISEAL 1B73 -- 5970-01-029-7961  
===== Product Identification =====

Product ID:HUMISEAL 1B73

MSDS Date:10/04/1989

FSC:5970

NIIN:01-029-7961

MSDS Number: BGFVZ

=== 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:718-932-0

800

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

===== Composition/Information on Ingredients =====

Ingred Name:N-BUTYL ACETATE (SARA III)

CAS:123-86-4

RTECS #:AF7350000

Fraction by Wt: 53-57%

Other REC Limits:NONE

SPECIFIED  
OSHA PEL:150 PPM/200 STEL  
ACGIH TLV:150 PPM/200STEL;9192  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

Ingred Name:METHYL ETHYL KETONE (2-BUTANONE) (MEK) (SARA III)  
CAS:78-93-3  
RTECS #:EL6475000  
Fraction by Wt: 14-17%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:200 PPM/300 STEL  
ACGIH TLV:200 PPM/300STEL 9192  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

Ingred Name:ACRYLIC POLYMER  
Fraction by Wt: 25-35%  
Other REC Limits:NONE SPECIFIED

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===== Hazards Identification =====  
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Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Health Hazards Acute and Chronic:SEE SIGNS AND SYMPTOMS OR  
OVEREXPOSURE.  
Effects of Overexposure:SKIN: IRRITATION; EYES: IRRITATION, REDNESS,  
BLURRED VISION; INHAL: NAUSEA, DIZZINESS, VOMITING,  
UNCONSCIOUSNESS; NOSE BLEEDS.  
Medical Cond Aggravated by Exposure:INDIVIDUALS WITH RESPIRATORY OR  
SKIN CONDITIONS MAY BE AT INCREASED RISK.

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===== First Aid Measures =====  
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First Aid  
:SKIN CONTACT-REMOVE SATURATED CLOTHES & WASH SKIN WITH SOAP &  
WATER. EYES-IRRIGATE WITH WATER.INHALATION-REMOVE TO FRESH  
AIR.INGESTION-DO NOT INDUCE VOMITING.CONSULT PHYSICIAN IMMEDIATELY.

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===== Fire Fighting Measures =====  
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Flash Point Method:TCC  
Flash Point:30F,-1.1C  
Lower Limits:1.7  
Upper Limits:11.5  
Extinguishing Media:FOAM,CARBON DIOXIDE,DRY CHEMICAL  
Fire Fighting Procedures:FIGHT AS A FLAMMABLE LIQUID FIRE; WEAR  
SELF-CONTAINED BREATHING APPAR

ATUS.

Unusual Fire/Explosion Hazard:VAPOR IS FLAMMABLE AND HEAVIER THAN AIR,MAY TRAVEL TO IGNITION SOURCE AND FLASH BACK

===== Accidental Release Measures =====

Spill Release Procedures:ABSORB W/ INERT MATERIAL (SAND, VERMICULITE, ETC); LARGE SPILLS MAY BE SCOOPED UP W/ NON-SPARKING TOOLS. REMOVE IGNITION SOURCES. PROVIDE VENTILATION AND/OR RESPIRATORY PROTECTION.

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

Handling and Storage

Precautions:STORE IN COOL, DRY, WELL VENTILATED AREA, AWAY FROM HEAT AND IGNITION SOURCES AND INCOMPATIBLE MATERIALS. KEEP CONTAINERS CLOSED WHEN NOT IN USE.

Other Precautions:KEEP CONTAINER CLOSED. USE W/ ADEQUATE VENTILATION. AVOID CONTACT W/ EYES, SKIN, & CLOTHING.

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

Respiratory Protection:NIOSH/MSHA-APPROVED RESPIRATOR WITH ORGANIC VAPORS CARTRIDGE OR SCBA AS APPROPRIATE FOR EXPOSURE OF CONCERN.

Ventilation:LOCAL EXHAUST VENTILATION. USE EXPLOSION PROOF EQUIPMENT.

Protective Gloves:RUBBER, PVA, BUTYL.

Eye Protection:CHEMICAL SPLASH GOGGLES

Other Protective Equipment:RUBBER APRON.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING.REMOVE AND LAUNDRY CONTAMINATED CLOTHING.

Supplemental Safety and Health

THIS NSN 5970-01-029-7961 REPLACES NSN 5970-01-009-6538.

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

HCC:F2

Boiling Pt:B.P. Text:260F, 127C

Vapor Pres:10 MM HG

Vapor Dens

ity:4  
Spec Gravity:0.88  
Viscosity:LOW VISC.LIQ.  
Evaporation Rate & Reference:3.18 (N-BUTYL ACETATE=1)  
Solubility in Water:NEGLIGIBLE  
Appearance and Odor:WATER CLEAR;LOW VISCOSITY LIQUID;AROMATIC ODOR  
Percent Volatiles by Volume:69-71

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

Stability Indicator/Materials to Avoid:YES  
AVOID CONTACT W/ STRONG OXIDIZING AGENTS.  
Stability Condition to Avoid:HEAT,SPARKS,OPEN FLAMES.  
Hazardous Decomposition Products:CARBON MONOXIDE AND  
CARBON DIOXIDE

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

Waste Disposal Methods:LIQUID INCINERATION. ACCORDING TO LOCAL,STATE &  
FED REGS.

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