

HUMISEAL DIVISION,COLUMBIA CHASE CORPORATION -- 1B31 -- 5970-01-029-7961

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Product Identification  
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Product ID:1B31

MSDS Date:07/02/1986

FSC:5970

NIIN:01-029-7961

MSDS Number: BGFVY

=== Responsible Party ===

Company Name:HUMISEAL DIVISION,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:HUMIS

=== Contractor Identification ===

Company Name:HUMISEAL DIVISION CHASE CORP

Address:26-60 BROOKLYN QUEENS EXPRESSWAY

Box:445

City:WOODSIDE

State:NY

ZIP:11377

Country:US

Phone:718-932-0800

CAGE:HUMIS

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

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Composition/Information on Ingredients  
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Ingred

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

Ingred Name:METHYL ETHYL KETONE (2-BUTANONE) (MEK) (SARA III)  
CAS:78-93-3  
RTECS #:EL6475000  
Fraction by Wt: 15%  
Other REC Limits:NONE STATED  
OSHA PEL:200 PPM/300 STEL  
ACGIH TLV:200 PPM/300STEL 9192  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

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===== Hazards Identification =====  
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Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:ACUTE: EYE  
DAMAGE,DERMATITIS,RESPIRATORY  
IRRITATION,NAUSEA,UNCONSCIOUSNESS,ASPHYXIATION. CHRONIC: LOSS OF  
APPETITE,NOSE BLEEDS AND LIVER ENLARGEMENTS. LABORATORY ANIMALS:  
LIVER ABNORMALITIES,ORGAN DAMAGE,BRAIN DAMAGE,CENTRAL NERVOUS  
SYSTEM EFFECTS.  
Effects of Overexposure:SKIN IRRITATION,REDNESS,BLURRED  
VISION,EDEMA,  
DIZZINESS,FATIGUE,NAUSEA,VOMITING,UNCONSCIOUSNESS,NOSE  
BLEEDS.  
Medical Cond Aggravated by Exposure:DERMATITIS,RESPIRATORY PROBLEMS,EYE  
PROBLEMS,LIVER PROBLEMS.

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===== First Aid Measures =====  
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First Aid:EYES:FLUSH WITH PLENTY OF WATER. SKIN:REMOVE CONTAMINATED  
CLOTHING.WASH WITH SOAP AND WATER. INHALATION:REMOVE TO FRESH AIR.  
INGESTION:DRINK TWO GLASSES OF WATER IF CONSCIOUS.DO NOT INDUCE  
VOMIT,SEE D OCTOR IMMEDIATELY.

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==== Fire Fighting Measures =====

Flash Point Method:TCC

Flash Point:30F,-1.1C

Lower Limits:1.6

Upper Limits:11.2

Extinguishing Media:FOAM,CARBON DIOXIDE,DRY CHEMICAL

Fire Fighting Procedures:FIGHT AS FLAMMABLE LIQ FIRE,USE SELF CONTAIN BREATHING GEAR

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

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

Spill Release Procedures:ABSORB WITH INER

T MATERIAL (SAND,VERMICULITE

ETC).LARGE SPILLS MAY BE SCOOPED UP WITH NON-SPARKING TOOLS.REMOVE SOURCE OF IGNITION.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:FLAMMABLE MATERIAL.AVOID PROLONGED SKIN CONTACT AND BREATHING OF VAPORS

===== 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 LAUNDRER CONTAMI NATED 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:180F

Vapor Density:4.0

Spec Gravity:0.88

Evaporation Rate & Reference:3.62 (BUTYL ACETATE = 1)

Solubility in Water:NEGLIGIBLE

Appearance and Odor:WATER CLEAR,LOW VISCOSITY LIQUID,AROMATIC ODOR.

Percent Volatiles by Volume:69.8

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

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Stability Indicator/Materials to Avoid: YES

KEEP AWAY FROM OXIDIZERS

Stability Condition to Avoid: HEAT, SPARKS, OPEN FLAMES.

Hazardous Decomposition Products: CARBON MONOXIDE AND CARBON DIOXIDE

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

Waste Disposal Methods: PLACE ABSORBED MATERIAL IN CONTAINERS SUITABLE FOR SHIPMENT TO DISPOSAL AREA. DISPOSAL MUST BE IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS

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