

HUMISEAL DIV,COLUMBIA CHASE CORPORATION -- HUMISEAL THINNER 503 -- 6810-01-208-9658

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Product Identification
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Product ID:HUMISEAL THINNER 503

MSDS Date:01/13/1993

FSC:6810

NIIN:01-208-9658

MSDS Number: BQNJF

=== 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 Phone Num:718-932-0800/ FAX 718-932-4345

Emergency Phone Num:800-424-9300(CHEMTREC)

CAGE:99109

=== Contractor Identification ===

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 313) (CERCLA)

CAS:108-88-3

RTECS #:XS5250000

Fraction by Wt: 55-75%

Other

REC Limits:NONE RECOMMENDED

OSHA PEL:200 PPM; Z-2

ACGIH TLV:S, 50 PPM; 9596

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ingred Name:METHYL ETHYL KETONE (2-BUTANONE) (MEK) (SARA 313) (CERCLA)

CAS:78-93-3

RTECS #:EL6475000

Fraction by Wt: 25-45%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:200 PPM

ACGIH TLV:200 PPM/300STEL;9596

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

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Hazards Identification
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LD50 LC50 Mixture:ORAL LD50 RAT 5G/KG.

Routes of Entry: Inhal

ation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:EYE:SHORT TERM CONTACT MAY RESULT IN SLIGHT IRRIT,CONJ.PROL/REP W/LIQ CAN RESULT IN CORNEAL BURNS.HIGH VAP CONCEN >1000PPM IRRIT EYE.SKIN:PROL/REP LIQ CONTACT CAN CAUSE DEFATTING/DRYING WHICH MAY RESU LT IN IRRIT,DERM.SKIN ABSORPTION MAY ADD SIGNIFICATLY TO EXPO. INHAL:CAUSES CNS DEPRESS.MILD EXPO CAUSES DIZZ,NAU(SUPPL)

Explanation of Carcinogenicity:PER MS

DS:PROD NOT LISTED BY NTP,IARC,OSHA.

Effects of Overexposure:EYE IRRIT,CONJUNCTIVITIS,CORNEAL BURNS.DEFATTING/DRYING OF SKIN,IRRIT,DERM.CNS DEPRESS,DIZZ,HEAD,WEAK,NAU,ETC.RESPIRATOR DEPRESS,CONVULSIONS,DEATH,CARDIAC ARRHYTHMIAS,FATAL VENTIRCULAR FIBRILLATION,MO DERATELY TOXIC,BURNING SENS IN MOUTH/STOMACH,ASPIRATION,PULM EDEMA/HERROHAGE,CHEM PNEUMONITIS,FATAL.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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First Aid Measu
res =====

First Aid:EYE:FLUSH W/WATER FOR 15MINS WHILE HOLDING EYELIDS OPN.GET MED ATTN.SKIN:FLUSH W/WATER WHILE REMOVING CONTAMIN CLOTH/SHOES,FOLLOW BY WASHING W/SOAP/WATER.IRRIT PERSIST GET MED ATTN.INHAL:REMOVE TO FRE SH AIR.PROVIDE OXY IF BREATH DIFFI.GIVEART RESP NOT BREATH.GET MED ATTN.INGEST:DO NOT INDUCE VOMIT.VOMIT OCCUR SPONT KEEP HEAD BELOW HIPS TO PREVENT ASPIRATION OF LIQ INTO LUNGS.GET MED (OTH PRECAUT)

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Fire Fighti
ng Measures =====

Flash Point Method:TCC

Flash Point:30.0F,-1.1C

Lower Limits:1.6

Upper Limits:11.2

Extinguishing Media:FOAM, CARBON DIOXIDE, DRY CHEMICAL.

Fire Fighting Procedures:FIGHT AS FLAMMABLE LIQUID;WEAR SELF-CONTAINED BREATHING APPARATUS.

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

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Accidental Release Measures =====

Spill Release Procedures:ABSORB W/INERT

MATL (SAND,VERMICULITE,
ETC.).LARGE SPILLS MAY BE SCOOPED UP W/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/OPEN
FLAMES.STORE @AMBIENT TEMP.GROUND TO PROTECT FROM STATIC
CHARGE.KEEP CONTAINER CLOSED.USE ADEQUATE VENTILATION.

Other Precautions:1ST AID:NOTE

TO DR:IF >2ML/KG INGEST/VOMIT NOT OCCUR

EMESIS SHOULD BE INDUCED W/SUPERVISION.SYMPTOMS(EX:LOSS OF GAG
REFLEX,CONVULSION,UNCONSCIOUS)OCCUR BEFORE EMESIS GASTRIC LAVAGE W/CUFFED
ENDOTRACHEAL TUBE SHOULD BE CONSIDERED.

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

Respiratory Protection:RESPIRATOR-ORGANIC VAPOR TYPE IF TLV IS EXCEEDED
(NIOSH APPROVED).

Ventilation:LOCAL EXHAUST:YES.MECH(GEN):EXPLO PROOF.SPEC:DESIGN/MAINTAIN TO
PROVIDE VOLUME/PATTERN TO PREVENT VAPOR.OTHER

:CONCENTRATION EXCESS TLV/PEL

Protective Gloves:IMPERVIOUS TO CHEM/PETRO:BUNA-N,SOLVEX

Eye Protection:CHEM TYPE GOGGLES.

Other Protective Equipment:PREVENT CONTACT TO WORKERS AS REQUIRED.

Work Hygienic Practices:DO NOT REUSE CLOTH/SHOES UNTIL PROPERLY CLEANED.

Supplemental Safety and Health

HEALTH HAZARD:HEADACHE,WEAK,ETC.MORE SEVERE EXPOSURE >1000PPM MAY CAUSE RESPIRATORY
DEPRESSION,CONVULSION,DEATH.CARDIAC ARRHYTHMIAS INCLUDING FATAL
VENTRICULAR FIBRILLATION MAY OCCUR.SENSE OF SMELL DULLED BY CONTINUED
EXPOSURE.INGESTION: MODERATELY

TOXIC.CAUSES BURNING SENSATION

IN MOUTH/STOMACH.MORE SERIOUS HAZARD ASPIRATION INTO LUNGS-CHEMICAL
PNEUMONITIS,PULMONARY EDEMA/HEMORRHAGE

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

HCC:F3

Boiling Point:Boiling Point:180F,82C

Vapor Pressure:45.4

Vapor Density:4.0

Specific Gravity:0.85

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

Solubility in Water:NEGLIGIBLE,