

UNION CARBIDE -- ANHYDROL SOLVENT SPECIAL/PM 4084 KIT PART B -- 1560-00-563-3585

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

Product ID:ANHYDROL SOLVENT SPECIAL/PM 4084 KIT PART B

MSDS Date:05/30/1989

FSC:1560

NIIN:00-563-3585

Kit Part:Y

MSDS Number: BMXHP

=== Responsible Party ===

Company Name:UNION CARBIDE

Address:39 OLD RIDGEBURY RD

City:DANBURY

State:CT

ZIP:06817

Info Phone Num:(301) 628-0617

Emergenc

y Phone Num:(301) 628-0617

CAGE:07098

=== Contractor Identification ===

Company Name:AERO HARDWARE AND PARTS CO INC

Address:130 BUSINESS PARK DRIVE

Box:City:ARMONK

State:NY

ZIP:10504

Country:US

Phone:914-273-8550

CAGE:4A766

Company Name:UNION CARBIDE

Phone:800-822-4357

CAGE:07098

Company Name:UNION CARBIDE CORP

Address:39 OLD RIDGEBURY ROAD

Box:City:DANBURY

State:CT

ZIP:06817-0001

Country:US

Phone:800-822-4357/732-563-5522 (MSDS)

CAGE:61637

===== Composition/Information on Ingredients

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Ingred Name:ETHYL ALCOHOL (ETHANOL)

CAS:64-17-5

RTECS #:KQ6300000

= Wt:90.

Other REC Limits:1900 MG/CUM

OSHA PEL:1000 PPM

ACGIH TLV:1000 PPM; 9192

Ingred Name:METHYL ALCOHOL (METHANOL) (SARA III)

CAS:67-56-1

RTECS #:PC1400000

= Wt:4.5

Other REC Limits:200 PPM

OSHA PEL:S,200PPM/250STEL

ACGIH TLV:S,200PPM/250STEL; 93

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ingred Name:METHYL ISOBUTYL KETONE (SARA III)

CAS:108-10-1

RTECS #:SA9275000

= Wt:1.

Other REC Limits:50 PPM

OSHA PEL:100 P

PM/75 STEL

ACGIH TLV:50 PPM/75 STEL; 9293

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ingred Name:ETHYL ACETATE (SARA III)

CAS:141-78-6

RTECS #:AH5425000

= Wt:4.5

Other REC Limits:NONE SPECIFIED

OSHA PEL:400 PPM

ACGIH TLV:400 PPM; 9192

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

===== Hazards Identification =====

LD50 LC50 Mixture:NOT SPECIFIED BY MANUFACTURER.

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO

OSHA:NO

Health Hazards Acute and Chronic:EYES: MINOR IRRITATION/BLURRED VISION/
DIPLOPLA/RESTRICTION OF VISUAL FIELDS/COMPLETE BLINDNESS.

INGESTION: NAUSEA/ABDOMINAL

PAIN/VOMITING/HEADACHE/DIZZINESS/SHORTNESS OF BREATH/ DRUNKEN
BEHAVIOR/ACID OSIS/COMA/DEATH. SKIN: PROLONGED & REPEATED CONTACT
MAY CAUSE REDDENING. INHALATION: DIZZINESS/DROWSINESS.

Explanation of Carcinogenicity:PRODUCT CONTAINS NO INGREDIENTS

CURRENTLY CLASSIFIED AS CARCINOGENIC BY NTP, IARC OR OSHA.

Effec

ts of Overexposure:EYES: MINOR IRRITATION/BLURRED VISION/

DIPLOPLA/RESTRICTION OF VISUAL FIELDS/COMPLETE BLINDNESS.

INGESTION: NAUSEA/ABDOMINAL

PAIN/VOMITING/HEADACHE/DIZZINESS/SHORTNESS OF BREATH/ DRUNKEN
BEHAVIOR/ACID OSIS/COMA/DEATH. SKIN: PROLONGED & REPEATED CONTACT
MAY CAUSE REDDENING. INHALATION: DIZZINESS/DROWSINESS.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:INGE

STION: GIVE 2 GLASSES OF WATER & INDUCE VOMITING. CALL

PHYSICIAN. SKIN/EYES: FLUSH W/WATER. INHALATION: REMOVE TO FRESH
AIR. CALL PHYSICIAN. NOTE TO PHYSICIAN: DUE TO MAJOR TOXICITY,

TREATMENT SHO UL D INCLUDE HEMODIALYSIS, THE INTRAVENOUS
ADMINISTRATION OF ETHANOL TO INTERFERE W/THE METABOLISM OF METHYL
ALCOHOL, & THE ADMINISTRATION OF SODIUM BICARBONATE TO CORRECT
ACIDOSIS.

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

Flash Point Method:TCC

Flas

h Point:=11.7C, 53.F

Lower Limits:3.3%

Upper Limits:19.0%

Extinguishing Media:WATER SPRAY, CARBON DIOXIDE, DRY CHEMICAL,
ALCOHOL/UNIVERSAL TYPE FOAMS

Fire Fighting Procedures:USE WATER SPRAY TO COOL FIRE EXPOSED
CONTAINERS & STRUCTURES. USE SELF-CONTAINED BREATHING APPARATUS &
PROTECTIVE CLOTHING.

Unusual Fire/Explosion Hazard:VAPORS MAY BE IGNITED BY PILOT LIGHTS/
FLAMES/SPARKS/HEATERS/ELECTRICAL EQUIPMENT/STATIC DISCHARGES &
IGNITION SOURCES.

===== Accidental

Release Measures =====

Spill Release Procedures:COLLECT LARGE SPILLS FOR DISPOSAL. FLUSH SMALL SPILLS W/WATER. EXTINGUISH & DON'T TURN ON ANY IGNITION SOURCE UNTIL AREA IS DETERMINED TO BE FREE FROM EXPLOSION OR FIRE HAZARD.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:KEEP AWAY FROM HEAT, SPARKS, & FLAME. AVOID BREATHING VAPORS. KEEP CONTAINER CLOSED. USE W/AD EQUATE VENTILATION. DON'T TAKE INTERNALLY.
Other Precautions:WASH THOROUGHLY AFTER HANDLING. FOR INDUSTRIAL USE ONLY.

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

Respiratory Protection:SELF-CONTAINED BREATHING APPARATUS IN HIGH CONCENTRATIONS.
Ventilation:MECHANICAL/LOCAL: NEEDED.
Protective Gloves:NEOPRENE
Eye Protection:SAFETY GLASSES
Other Protective Equipment:EYE BATH, SAFETY SHOWER
Work Hygienic Practices:WASH WITH SOAP AND WATER AFTER HANDLING PRODUCT AND BEFORE EATING DRINKING OR SMOKING.
Supplemental Safety and Health
NONE SPECIFIED BY MANUFACTURER.

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

HCC:F5
Boiling Pt:=77.8C, 172.F
Melt/Freeze Pt: