

UNION CARBIDE CORP;LINDE DIV -- ANHYDROL SOLVENT SPECIAL,PM-4082,200 PROOF --  
6850-00-227-1887

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

Product ID:ANHYDROL SOLVENT SPECIAL,PM-4082,200 PROOF

MSDS Date:04/01/1985

FSC:6850

NIIN:00-227-1887

MSDS Number: BDKTW

=== Responsible Party ===

Company Name:UNION CARBIDE CORP;LINDE DIV

Address:39 OLD RIDGEBURY ROAD

City:DANBURY

State:CT

ZIP:06817-0001

Country:US

Inf

o Phone Num:304-744-3487

Emergency Phone Num:304-744-3487

CAGE:36346

=== Contractor Identification ===

Company Name:UNION CARBIDE CORP LINDE DIV

Address:39 OLD RIDGEBURY RD

Box:City:DANBURY

State:CT

ZIP:06817-0001

Country:US

Phone:800-822-4357; 304-744-3487

CAGE:36346

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

Ingred Name:ETHYL ALCOHOL (ETHANOL)

CAS:64-17-5

RTECS #:KQ6300000

Fraction by Wt: 86.0%

OSHA PEL:1000 PPM

ACGIH TLV:1000 PPM; 9192

Ingred Name:ISOPROPYL ALCO

HOL (SARA III)  
CAS:67-63-0  
RTECS #:NT8050000  
Fraction by Wt: 9.0%  
OSHA PEL:400 PPM/500 STEL  
ACGIH TLV:400 PPM/500STEL;9192

Ingred Name:METHYL ALCOHOL (METHANOL) (SARA III)  
CAS:67-56-1  
RTECS #:PC1400000  
Fraction by Wt: 4.0%  
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  
Fraction by Wt: 1.0%  
OSHA PEL:100 PPM/75 STEL  
ACGIH TLV:50 PPM/75 STEL; 9293  
EPA Rpt Qty:5000 LB  
S  
DOT Rpt Qty:5000 LBS

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Health Hazards Acute and Chronic:ACUTE:IRRITATION OF EYES,SKIN AND  
RESPIRATORY TRACT;DIZZINESS,DROWSINESS,NAUSEA,VOMITING. CHRONIC:NO  
DATA AVAILABLE.  
Effects of Overexposure:SEE HEALTH HAZARDS DATA.  
Medical Cond Aggravated by Exposure:NO DATA AVAILABLE.

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

First Aid:EYES:  
FLUSH EYES WITH PLENTY OF WATER AND CALL A PHYSICIAN.  
SKIN:FLUSH WITH WATER. INHALATION:REMOVE TO FRESH AIR.CALL A  
PHYSICIAN IF NEEDED. INGESTION:GIVE WATER AND CALL A PHYSICIAN  
IMMEDIATELY.

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

Flash Point Method:TCC  
Flash Point:57F/13.9C  
Lower Limits:3.3;ETHANOL  
Upper Limits:19.0;ETHANOL  
Extinguishing Media:WATER SPRAY,CO\*2,DRY CHEMICAL,FOAM  
Fire Fighting Procedures:USE NIOSH/MSHA APPROVED SCBA IN AN ENCLOSED  
AR

EA.USE FULL PERSONAL PROTECTION.

Unusual Fire/Explosion Hazard:VAPORS MAY CATCH FIRE;USE REASONABLE EXPOSURE.

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

Spill Release Procedures:USE PROPER PERSONAL PROTECTION;CONTAIN FREE LIQUID;USE SUITABLE INERT ABSORBENT MATERIAL AND RECOVER FOR PROPER DISPOSAL.

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

Handling and Storage Precautions:STORE IN COOL,DRY AND WELL VENTILATED AREA.KEEP AWAY FROM HEAT,SPARKS AND FLAME;KEEP CONTAINER CLOSED WHEN NOT IN USE.

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

Respiratory Protection:USE NIOSH/MSHA APPROVED RESPIRATOR FOR ORGANIC VAPORS/MIST IF ABOVE TLV/PEL.

Ventilation:GENERAL/LOCAL TO MAINTAIN TLV/PEL

Protective Gloves:NEOPRENE

Eye Protection:SAFETY GLASSES

Other Protective Equipment:EYE BATH,SAFETY SHOWER

Work Hygienic Practices:AVOID CONTACT WITH EYES & SKIN;DO NOT BREATHE VAPORS/MIST.DO NOT TAKE INTERNALLY.

Supplemental Safety and Health

MSDS RECEIVED BY DGSC-SLM:MAY 24,1988.

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

HCC:F5

Boiling Pt:B.P. Text:174F/79C

Vapor Pres:25 MMHG

Vapor Density:1.6

Spec Gravity:0.7905

Evaporation Rate & Reference:2.0 (BUT ACETATE=1)

Solubility in Water:COMPLETE

Appearance and Odor:WATER-WHITE LIQUID;NONRESIDUAL ODOR

Percent Volatiles by Volume:100

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

Stability Indicator

/Materials to Avoid: YES

NONE

Stability Condition to Avoid: HEAT, SPARKS, FLAME

Hazardous Decomposition Products: CO AND/OR CO\*2

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

Waste Disposal Methods: DISPOSE OF COLLECTED MATERIAL IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

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