

UNION CARBIDE CORP INDUSTRIAL CHEMICALS DIV -- CELLOSOLVE SOLVENT -- 6810-00-222-2751

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Product Identification
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Product ID:CELLOSOLVE SOLVENT

MSDS Date:04/24/1992

FSC:6810

NIIN:00-222-2751

MSDS Number: BDJZT

=== Responsible Party ===

Company Name:UNION CARBIDE CORP INDUSTRIAL CHEMICALS DIV

Address:39 OLD RIDGEBURY ROAD

City:DANBURY

State:CT

ZIP:06817-0001

Country:US

Info Phone Num:800-82

2-4357

Emergency Phone Num:800-822-4357

CAGE:61637

=== Contractor Identification ===

Company Name:HOC INDUSTRIES, INC

Address:3511 N. OHIO

Box:2609

City:WICHITA

State:KS

ZIP:67219

Country:US

Phone:316-838-4663

CAGE:0A9L8

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

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Composition/Information on Ingredients
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Ingred Name:2-ETHOXYETHANOL (SARA 313) (CERC

LA)/ETHYLENE GLYCOL
MONOETHYL ETHER

CAS:110-80-5

RTECS #:KK8050000

Fraction by Wt: 100%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:S, 200 PPM

ACGIH TLV:S, 5 PPM; 9596

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

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

LD50 LC50 Mixture:LD50 (ORAL, RAT) IS NOT KNOWN.

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO

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

Health Hazards Acute and Chronic:TARGET ORGANS:EYE, SKIN,
LIVER,

KIDNEY, RESPIRATORY & GI TRACTS. ACUTE- EYE:IRRITANT. SKIN:MAY
CAUSE SLIGHT IRRITATION. CAN BE ABSORBED THROUGH SKIN. INHALE:MAY
CAUSE IRRITATION, COUGHING, DIARRHEA. O RAL:MAY CAUSE IRRITATION,
VOMITING, WEAKNESS, HEADACHE, KIDNEY DAMAGE. CHRONIC- INJURY TO
BONE MARROW, LIVER, KIDNEY.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:IRRITATION, DROWSINESS, DIZZINESS, NAUSEA,
VOMITING, HEADACHE, WEAKNESS, ABDOMINAL PAIN, DRYNESS OF SKIN

Medical Cond Aggr

avated by Exposure:OVEREXPOSURE IS UNLIKELY TO
AGGRAVATE EXISTING MEDICAL CONDITIONS.

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

First Aid:CALL PHYSICIAN IF SYMPTOMS PERSIST. EYE:IMMEDIATELY FLUSH
WITH WATER FOR 15 MINUTES. HOLD EYELIDS OPEN. CALL PHYSICIAN.
SKIN:WASH WITH SOAP & WATER. INHALED:REMOVE TO FRESH AIR. PROVIDE
CPR/OXYGEN IF NEEDED. ORAL:IF CONSCIOUS, DRINK WATER & INDUCE
VOMITING. CALL A PHYSICIAN/POISON CONTROL CENTER IMMEDIATELY. NE
VER

GIVE FLUID OR INDUCE VOMITING IF PATIENT IS UNCONSCIOUS OR HAS
CONVULSIONS.

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

Flash Point Method:TCC

Flash Point:108F,42C

Lower Limits:1.7%

Upper Limits:15.6%

Extinguishing Media:USE ALCOHOL-TYPE OR ALL-PURPOSE FOAM FOR LARGE
FIRE. USE CARBON DIOXIDE OR DRY CHEMICAL FOR SMALL FIRE.

Fire Fighting Procedures:WEAR PROTECTIVE CLOTHING AND NIOSH-APPROVED
SELF-CONTAINED BREATHING APPARATUS. MOVE CONTAINERS FROM FI

RE AREA

IF YOU CAN DO IT WITHOUT RISK.

Unusual Fire/Explosion Hazard:VAPOR IS HEAVIER THAN AIR AND CAN TRAVEL
CONSIDERABLE DISTANCE TO A SOURCE OF IGNITION AND FLASH BACK.
CONTAINERS MAY RUPTURE DUE TO VAPOR PRESSURE BUILDUP.

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

Spill Release Procedures:WEAR PROTECTIVE EQUIPMENT. ELIMINATE SOURCES
OF IGNITION. VENTILATE AREA. CONTAIN SPILL. PICK UP SPILL WITH
NON-FLAMMABLE ABSORBENT SUCH AS SAND, EARTH. PREVEN
T LIQUID FROM
ENTERING SEWERS.

Neutralizing Agent:NOT RELEVANT

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

Handling and Storage Precautions:STORE IN COOL, VENTILATED AREA AWAY
FROM SOURCES OF IGNITION & INCOMPATIBLE MATERIALS. KEEP OUT OF
REACH OF CHILDREN.

Other Precautions:EMPTY CONTAINERS MAY RETAIN RESIDUE. FOLLOW ALL
PRECAUTIONS. DO NOT GET IN EYES. DO NOT BREATHE VAPOR OR MIST.
AVOID PROLONGED OR REPEATED SKIN CONTACT. WASH THOROUGHLY AFTER
HANDLING AND BEFORE EATING OR DRINKING. DO NOT INGEST.

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

Respiratory Protection:IF WORKING IN CONFINED AREAS, IF EXCESSIVE
MISTING IS EXPECTED OR IF EXPOSURE MAY OR DOES EXCEED RECOMMENDED
PERMISSIBLE EXPOSURE LIMITS (PEL), WEAR NIOSH-APPROVED RESPIRATORY
PROTECTION FOR ORGANIC VAPORS (REFER TO 29 CFR 1910.134).

Ventilation:MECHANICAL (GENERAL AND/OR LOCAL EXHAUST, EXPLOSION-PROOF)
VENTILATION TO MAINTAIN EXPO
SURE BELOW TLV(S).

Protective Gloves:NEOPRENE IF REPEATED CONTACT POSSIBLE

Eye Protection:CHEMICAL SAFETY GOGGLES

Other Protective Equipment:EYE WASH STATION, SAFETY SHOWER,
INDUSTRIAL-TYPE WORK CLOTHING, APRON

Work Hygienic Practices:OBSERVE GOOD INDUSTRIAL HYGIENE PRACTICES AND
RECOMMENDED PROCEDURES.

Supplemental Safety and Health

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

HCC:F4

NRC/State Lic Num:NOT RELEVANT

Boiling Pt:B.P. Text:276F,136C

Melt/Freeze Pt:M

.P/F.P Text:-130F,-90C

Vapor Pres:4 @ 68F

Vapor Density:3.1

Spec Gravity:0.9311

Evaporation Rate & Reference:0.41 (N-BUTYL ACETATE=1)

Solubility in Water:COMPLETE

Appearance and Odor:TRANSPARENT, COLORLESS LIQUID, MILD NONRESIDUAL
ODOR

Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS, STRONG ACIDS, STRONG BASES

Stability Condition to Avoid:DISTILLATION TO DRYNESS, HEAT,
SPARKS,

FLAMES AND OTHER SOURCES OF IGNITION

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE MAY BE
FORMED.

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

Waste Disposal Methods:DISPOSE IN AN APPROVED INCINERATOR OR CONTRACT
WITH LICENSED CHEMICAL WASTE DISPOSAL SERVICE. DISCHARGE, TREATMENT
OR DISPOSAL IS SUBJECT TO FEDERAL, STATE OR LOCAL LAWS.

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