

UNION CARBIDE CORP., SOLVENTS & COATINGS MAT. DIV. -- CELLOSOLVE 'R' SOLVENT --
6810-00-285-4309

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

Product ID:CELLOSOLVE 'R' SOLVENT

MSDS Date:08/01/1985

FSC:6810

NIIN:00-285-4309

MSDS Number: BDTMY

=== Responsible Party ===

Company Name:UNION CARBIDE CORP., SOLVENTS & COATINGS MAT. DIV.

Address:39 OLD RIDGEBURY ROAD

City:DANBURY

State:CT

ZIP:06817-0001

Country:US

Info Phone Num:304-744-3487

Emergency Phone Num:304-744-3487

CAGE:61637

=== Contractor Identification ===

Company Name:CHEMICAL COMMODITIES AGENCY, INC.

Address:27447 PACIFIC STREET

Box:City:HIGHLAND

State:CA

ZIP:92346-2640

Country:US

Phone:909-864-2310

CAGE:60777

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 =====

Ingred Name:2-ETHOXYETHANOL (EGEE) (SARA III)
CAS:110-80-5
RTECS #:KK8050000
Fraction by Wt: 100%
OSHA PEL:S,200 PPM
ACGIH TLV:S, 5 PPM; 9192
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE: INHALE- EYE, NOSE AND
RESPIRATORY IRRITATION. INGEST- POISONING RESULTING IN SEVERE
A
BDOMINAL DISTURBANCES, CNS DEPRESSION. EYE- TEMPORARY IRRITATION.
SKIN- PROLONGED EXPOSURE HAS DEHYDRATIONG EFFECT. CHRONIC:
POSSIBLE RESPIRATORY AND/OR RENAL FAILURE.
Explanation of Carcinogenicity:NONE OF THE CHEMICALS IN THIS PRODUCT IS
LISTED BY IARC, NTP OR OSHA AS A CARCINOGEN.
Effects of Overexposure:INHALING MAY CAUSE HEADACHE, NAUSEA, VOMITING
AND WEAKNESS. INGESTION MAY CAUSE HEADACHE, NAUSEA, VOMITING,
BREATHING DIFFICULTIES, AND WEAKNESS. SLIGHT IRRITATION UPON

PROLONGED SKIN CONTACT. CAUSES IRRITATION OF THE EYES.
Medical Cond Aggravated by Exposure:PERSONS WITH A HISTORY OF SKIN AND
RESPIRATORY DISORDERS MAY BE AT INCREASED RISK FROM EXPOSURE.

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

First Aid:INHALATION: REMOVE SUBJECT TO FRESH AIR. EYE: FLUSH WITH
PLENTY OF WATER FOR 15 MINUTES. GET IMMEDIATE MEDICAL ATTENTION.
SKIN: WASH WITH SOAP AND WATER. INGESTION: GIVE TWO GLASSES OF
WATER AND INDUC E VOMITING
. GET IMMEDIATE MEDICAL ATTENTION.

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

Flash Point Method:TCC
Flash Point:120F,49C
Lower Limits:1.7
Upper Limits:15.6
Extinguishing Media:WATER SPRAY,CARBON DIOXIDE,DRY CHEMICAL,ALCOHOL OR
UNIVERSAL TYPE FOAM
Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA &
FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER
SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.
Unusual Fire/Explosion Haz

ard:NONE

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

Spill Release Procedures:CLEAN UP QUICKLY, AS SPILLS CONSTITUTE A SLIPPING HAZARD. ABSORB SPILLS ON ABSORBENT MATERIAL, OR DIKE AND PUMP INTO DRUMS. SMALL SPILLS MAY BE FLUSHED WITH LARGE QUANTITIES OF WATER.

Neutralizing Agent:NONE APPLICABLE FOR THIS MATERIAL

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

Handling and Storage Precautions:STORE IN COOL, DRY, WELL VENTILATED AREA

. PROTECT FROM PHYSICAL DAMAGE, HEAT AND IGNITION SOURCES. KEEP CONTAINERS CLOSED.

Other Precautions:NOT FOR USE IN CONSUMER PRODUCTS. DO NOT BREATHE VAPOR. FOR INDUSTRIAL USE ONLY.

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

Respiratory Protection:AVOID BREATHING FUMES OR VAPORS OF HEATED PRODUCT. IF VENTILATION IS NOT ADEQUATE, USE AN APPROVED ORGANIC VAPOR RESPIRATOR.

Ventilation:GENERAL 'MECHANICAL' ROOM VENTILATION IS SATISFACTORY. SPECIAL LOCAL VENTILATION MAY BE NEEDED FOR VAPORS.

Protective Gloves:BUTYL RUBBER

Eye Protection:CHEMICAL SAFETY GOGGLES OR SHIELD.

Other Protective Equipment:SAFETY SHOWER AND EYE BATH. OTHER EQUIPMENT AS REQUIRED TO MINIMIZE EXPOSURE FROM PROLONGED OR REPEATED CONTACT.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING. LAUNDRY CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

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

HCC:F4

Bo

iling Pt:B.P. Text:276F/136C

Vapor Pres:4 MMHG

Vapor Density:3.1/AIR=1/

Spec Gravity:0.9311

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

Solubility in Water:COMPLETE

Appearance and Odor:COLORLESS LIQUID;MILD & NONRESIDUAL ODOR

Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES

AVOID CONTAMINATION WITH HIGH CONCENTRATIONS OF ALKALI AT ELEVATED TEMPERATURES.

Stability Condition to Avoid:NON

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Hazardous Decomposition Products:UNDER CERTAIN CONDITIONS OF COMBUSTION CARBON MONOXIDE MAY BE PRODUCED.

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL LAWS AND REGULATIONS. INCINERATE IN A FURNACE WHERE PERMITTED.

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