

UNION CARBIDE CORP INDUSTRIAL CHEMICALS DIV -- ACETONE -- 6810-00-184-4796

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Product Identification
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Product ID:ACETONE

MSDS Date:08/03/1989

FSC:6810

NIIN:00-184-4796

MSDS Number: BRNJF

=== 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:800-822-4357

Emergency Phone

Num:800-822-4357

CAGE:61637

=== Contractor Identification ===

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:ACETONE (SARA III)

CAS:67-64-1

RTECS #:AL3150000

Fraction by Wt: 100%

Other REC Limits:NONE SPECIFIED

OSHA PEL:1000PPM

ACGIH TLV:750PPM/1000STEL;9293

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LB

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Ingred Name: BENZENE (SARA III)
CAS: 71-43-2
RTECS #: CY1400000
Fraction by Wt: 30% PPM
Other REC Limits: NONE SPECIFIED
OSHA PEL: 1PPM/5STEL; 1910.1028
ACGIH TLV: 10 PPM; A2; 9192
EPA Rpt Qty: 10 LBS
DOT Rpt Qty: 10 LBS

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

LD50 LC50 Mixture: TLV: 750 PPM TWA OSHA, ACGIH ACETONE.

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

Reports of Carcinogenicity: NTP: YES IARC: YES OSHA: YES

Health Hazards Acute and Chronic: SWALLOWING:

SLIGHTLY TOXIC.

INHALATION: VAPORS ARE IRRITATING. SKIN: BRIEF CONTACT IS NOT IRRITATING. PROLONGED OR REPEATED CONTACT MAY CAUSE DEFATTING & DRYING OF THE SKIN. EYE: CAUSES SEVERE IRRITATION, SEEN AS MARKED EXCESS REDNESS, SWELLING OF THE CONJUNCTIVA, & IMMEDIATE PAIN.

Explanation of Carcinogenicity: CONTAINS B [71-43-2] WHICH IS

LISTED BY NTP AND IARC AND REGULATED BY OSHA AS A CARCINOGEN.

Effects of Overexposure: SWALLOWING: CAUSES NAUSEA, VOMITING, HEADACHE, DIZZINESS

AND UNCONSCIOUSNESS. INHALATION: MAY CAUSE A STINGING

SENSATION & ITCHING SENSATION IN THE EYES, NOSE & THROAT, COUGHING, EXCESSIVE BLINKING, TEAR PRODUCTION, NAUSEA & POSSIBLY VOMITING, HEADACHE, INCOORDINATION & EVENTUALLY UNCONSCIOUSNESS.

Medical Cond Aggravated by Exposure: BECAUSE OF ITS DEFATTING

PROPERTIES, THIS MATERIAL MAY AGGRAVATE AN EXISTING DERMATITIS.

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

First Aid: SWALLOWING: GIVE TWO GLASSES OF WATER. DO NOT INDUCE

VOMITING. CALL A PHYSICIAN. SKIN: FLUSH WITH WATER. INHALATION: REMOVE TO FRESH AIR. GIVE CPR IF NOT BREATHING. QUALIFIED PERSONNEL MAY GIVE OXYGEN IF BREATHING IS DIFFICULT. CALL A PHYSICIAN. EYES: IMMEDIATELY FLUSH EYES THOROUGHLY WITH WATER & CONTINUE WASHING FOR AT LEAST 15 MIN. OBTAIN MEDICAL ATTENTION, PREFERABLY FROM AN OPHTHALMOLOGIST.

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

Flash Point Method: TCC

Flash Point: OF, -

18C

Lower Limits:2.15

Upper Limits:13.0

Extinguishing Media:USE CARBON DIOXIDE, FOAM, OR DRY CHEMICALS FOR SMALL FIRES. USE ALCOHOL-TYPE OR ALL-PURPOSE-TYPE FOAMS FOR LARGE FIRES.

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

Unusual Fire/Explosion Hazard:VAPORS FORM FROM THIS PRODUCT & MAY TRAVEL OR BE MOVED BY AIR CURRENT & IGNITED BY PI

LOT LIGHTS, ETC AT

OTHER LOCATIONS DITANT FROM HANDLING POINT.

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

Spill Release Procedures:EXTINGUISH & DO NOT TURN ON ANY IGNITION SOURCE UNTIL AREA IS DETERMINED TO BE FREE FROM EXPLOSION HAZARD OR FIRE HAZARD. WEAR SUITABLE PROTECTIVE EQUIPMENT. COLLECT LARGE SPILLS FOR DISPOSAL. FLUSH S MALL SPILLS WITH WATER.

Neutralizing Agent:NONE

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

Handlin

g and Storage Precautions:KEEP AWAY FROM HEAT, SPARKS & FLAME.

AVOID BREATHING VAPOR. KEEP CONTAINER CLOSED. AVOID CONTACT WITH EYES. USE WITH ADEQUATE VENTILATION.

Other Precautions:DANGER! EXTREMELY FLAMMABLE. HARMFUL IF INHALED.

CAUSES EYE IRRITATION. ASPIRATION MAY CAUSE LUNG DAMAGE. MAY CAUSE DIZZINESS OR DROWSINESS. FOR INDUSTRIAL USE ONLY.

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

Respiratory Protection:SELF-CONTAINED BREATHING APPARATUS IN HIGH VAPOR CONCENTRATIONS.

Ventilation:MECHANICAL (GENERAL) ROOM VENTILATION IS NORMALLY ADEQUATE. LOCAL EXHAUST MAY BE REQUIRED IF WORK AREA NOT VENTED.

Protective Gloves:RUBBER.

Eye Protection:MONOGOGGLES.

Other Protective Equipment:EYE BATH, SAFETY SHOWER.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health

NONE

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

HCC:F2

Boiling Pt:B.P. Text:133F,56C

Vapor Pres:184

Vapor Density:2.0

Spe

c Gravity:0.7915

Evaporation Rate & Reference:14.4 (BUTYL ACETATE=1)

Solubility in Water:COMPLETE

Appearance and Odor:CLEAR LIQUID, SHARP, PENETRATING, NON-RESIDUAL
ODOR.

Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS (SUCH AS NITRIC ACID) AND ALKALIES.

Stability Condition to Avoid:NONE.

Hazardous Decomposition Products:BURNING CAN PRODUCE CARBON MONOXIDE
AND/OR C

ARBON DIOXIDE.

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

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

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