

UNION CARBIDE CHEMICALS AND PLASTICS CO INC -- ISOPROPANOL,ANHYDROUS --
6810-01-382-2904

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

Product ID:ISOPROPANOL,ANHYDROUS

MSDS Date:03/08/1997

FSC:6810

NIIN:01-382-2904

MSDS Number: CGXGK

=== Responsible Party ===

Company Name:UNION CARBIDE CHEMICALS AND PLASTICS CO INC

Address:39 OLD RIDGEBURY RD

City:DANBURY

State:CT

ZIP:06817-0001

Country:US

Info Phone Num:20

3-794-2000

Emergency Phone Num:800-UCC-HELP/304-744-3487

CAGE:0TAZ2

=== Contractor Identification ===

Company Name:MAGNOLIA CHEMICALS AND SOLVENTS

Address:1020 SAMS AVENUE

Box:10276

City:NEW ORLEANS

State:LA

ZIP:70181-0278

Country:US

Phone:504-733-6600

CAGE:0LNB7

Company Name:SDB CONSULTANTS LTD

Address:401 WHITNEY AVE SUITE 120

Box:City:GRETNA

State:LA

ZIP:70056

Country:US

Phone:504-366-9105

CAGE:0PGK2

Company Name:UNION CARBIDE CORPORATION

Address:39 OLD RIDGEBURY RD

Box:City:DANBURY

State:CT

ZIP:06817-0001

Country:US

Phone:1-800-568-4000 / 732-563-5522

CAGE:0TAZ2

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Composition/Information on Ingredients
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Ingred Name:ISOPROPYL ALCOHOL (SARA 313)

CAS:67-63-0

RTECS #:NT8050000

Fraction by Wt: 100%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:400 PPM

ACGIH TLV:400 PPM/500STEL;9596

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Hazards Identification
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LD50 LC50 Mixture:TLV 400 PPM

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

Reports of Carcinogenicity:

NTP:NO IARC:NO OSHA:NO

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

RESPIRATORY & GI TRACTS. ACUTE- HARMFUL IF

INHALED/INGESTED/ABSORBED THROUGH SKIN. MAY CAUSE CNS DEPRESSION,

HEADACHE. MAY CAUSE EYE IRRITATION. WILL INJURE EYE TISSUE IF NOT

REMOVED PROMPTLY. PROLONGED/REPEATED SKIN CONTACT MAY CAUSE

DRYNESS. CHRONIC- DEFATTING & DRYNESS OF SKIN.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:IRRITATION, HEADACHE, DIZZINESS, NAUSEA,

VOMITING, TEARING, DEFATTING OF SKIN, DRYNESS

Medical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING SKIN

DISORDERS, EYE PROBLEMS OR IMPAIRED RESPIRATORY FUNCTION MAY BE

MORE SUSCEPTIBLE TO THE EFFECTS OF THIS PRODUCT.

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First Aid Measures
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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:MOVE TO FRESH AIR. P

ROVIDE

CPR/OXYGEN IF NE EDED. ORAL:IF CONSCIOUS, DRINK 2 GLASSESOF WATER & INDUCE VOMITING (MEDICAL PERSONNEL ONLY). CALL PHYSICIAN AT ONCE. NEVER GIVE FLUID OR INDUCE VOMITING IF PATIENT IS UNCONSCIOUS OR HAS CONVULSIONS.

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

Flash Point Method:TCC

Flash Point:53.0F,11.7C

Lower Limits:2.0

Upper Limits:12.7

Extinguishing Media:USE WATER FOG, CARBON DIOXIDE, ALCOHOL/ALL PURPOSE FOAM OR DRY CHEMICAL. COOL FIRE E XPOSED CONTAINERS WITH WATER SPRAY.

Fire Fighting Procedures:DO NOT ENTER ANY ENCLOSED OR CONFINED AREA WITHOUT PROPER PROTECTIVE EQUIPMENT AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS.

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:WEA

R PROTECTIVE EQUIPMENT. ELIMINATE SOURCES OF IGNITION. VENTILATE AREA. PICK UP SPILL WITH NON-FLAMMABLE ABSORBENT SUCH AS SAND, EARTH, VERMICULITE. PREVENT LIQUID FROM ENTERING SEWERS OR WATERWAYS.

Neutralizing Agent:DILUTE WITH WATER

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

Handling and Storage Precautions:STORE IN TIGHTLY CLOSED CONTAINERS IN FLAMMABLE LIQUID STORAGE ROOM/CABINET. AVOID EXCESSIVE HEAT. KEEP AWAY FROM INCOMPATIBLE MATERIALS.

Othe

r Precautions:AVOID BREATHING VAPORS. DO NOT GET IN EYES, ON SKIN OR ON CLOTHING. WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING OR DRINKING. KEEP OUT OF REACH OF CHILDREN.

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

Respiratory Protection:IF TLV IS EXCEEDED OR FOR SYMPTOMS OF OVER EXPOSURE, WEAR NIOSH-APPROVED ORGANIC VAPOR RESPIRATOR OR SUPPLIED AIR RESPIRATOR. IN EMERGENCY, WEAR A NIOSH-APPROVED POSITIVE-PRESSURE SELF-CONTAINED BREAT HING APPARA

TUS.

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

Protective Gloves:RUBBER, NEOPRENE FOR REPEATED CONTACT

Eye Protection:SAFETY GLASSES/GOGGLES RECOMMENDED

Other Protective Equipment:EYE BATH, WASH FACILITIES

Work Hygienic Practices:OBSERVE GOOD INDUSTRIAL HYGIENE PRACTICES AND
RECOMMENDED PROCEDURES. WASH THOROUGHLY BEFORE EATING,
DRINKING/SMOKING.

Supplemental Safety and Health

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Physical/Chemical Properties =====

HCC:F2

NRC/State Lic Num:NOT RELEVANT

Boiling Pt:=82.2C, 180.F

Melt/Freeze Pt:=52.8C, 127.F

Vapor Pres:33 @ 68F

Vapor Density:2.1

Spec Gravity:0.787

VOC Pounds/Gallon:785

Evaporation Rate & Reference:2.9 (N-BUTYL ACETATE=1)

Solubility in Water:COMPLETE (100%)

Appearance and Odor:CLEAR, COLORLESS LIQUID, SLIGHT
ETHANOL/ACETONE-LIKE ODOR

Percent Volatiles by Volume:100

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Stability and Reactivity Data =====

Stability In

dicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS, HALOGENATED COMPOUNDS, STRONG INORGANIC ACIDS,
ALDEHYDES, HALOGENS

Stability Condition to Avoid:HIGH HEAT, SPARKS, OPEN FLAMES AND OTHER
SOURCES OF IGNITION

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE

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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. WHEN EMPTY,
THOROUGHLY RINSE CONTAINER WITH WATER BEFORE DISPOSAL.

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