

UNION CARBIDE CORP INDUSTRIAL CHEMICALS DIV -- ISOPROPANOL, ANYDROUS (ISOPROPYL ALCOHOL) -- 6810-00-227-0410

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

Product ID:ISOPROPANOL, ANYDROUS (ISOPROPYL ALCOHOL)

MSDS Date:08/30/1990

FSC:6810

NIIN:00-227-0410

MSDS Number: BHWSM

=== Responsible Party ===

Company Name:UNION CARBIDE CORP INDUSTRIAL CHEMICALS DIV

Address:39 OLD RIDGEBURY ROAD

City:DANBURY

State:CT

Z

IP:06817-0001

Country:US

Info Phone Num:800-822-4357

Emergency Phone Num:800-822-4357

Preparer's Name:UNION CARBIDE CHEM/PLSTC

CAGE:61637

=== Contractor Identification ===

Company Name:SILVER SALES

Address:5115 DOUGLAS FIR RD SUITE C

Box:City:CALABASES

State:CA

ZIP:91302

Country:US

Phone:818-591-0788 WAS IN TX

CAGE:0WG65

Company Name:SOCO-LYNCH CORP (213-269-0191)

Address:3270 E WASHINGTON

Box:City:LOS ANGELES

Phone:213-269-0191

CAGE:0VNT4

Company Name:UNION CARBIDE CORP

Address:39 OLD RIDGEBU

RY 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:ISOPROPYL ALCOHOL (SARA III)

CAS:67-63-0

RTECS #:NT8050000

Fraction by Wt: 100%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:400 PPM

ACGIH TLV:400 PPM/500STEL;9394

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

nogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:INGEST:SLIGHTLY TOXIC.LG QUANT MAY CAUSE DROWS,UNSCONSC.ALSO STOMACH CRAMPS,PAIN,NAU,VOMIT,DIARR.SKIN ABSORB:WIDESPREAD/PROLONG EXPO MAY RESULT IN ABSORPTION OF HARMFUL AMTS PARTICULARLY INFANTS.INHAL :LOC CONCEN MAY CAUSE MILD NOSE/THROAT IRRIT,>TLV HEAD/DROWS.SKIN:LOC REDNESS W/CRACK/DRY.EYE:MOD IRRIT, CORNEAL INJURY.

Explanation of Carcinogenicity:DATA PER MSDS

Effects of Overexposure:INHAL/INGEST:DROWSI
NESS, LOSS OF CONSCIOUSNESS,

STOMACH CRAMPS, PAIN, NAUSEA, VOMITING, DIARRHEA. INHAL:MILD NOSE/THROAT IRRIT, HEADACHE, DROWSINESS. SKIN:REDNESS, CRACKING/DRYING. EYE:CORNEAL INJURY, IRRIT.

Medical Cond Aggravated by Exposure:BECAUSE OF ITS IRRITATING & DEFATTING PROPERTIES THIS MATERIAL MAY AGGRAVATE AN EXISTING DERMATITIS.

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

First Aid:INGEST:IF CONSCIOUS & HAS GAG REFLEX GIVE 2 GLASSES OF WATER.
INDUCE

VOMITING. OBTAIN MED ATTN W/O DELAY. SKIN:REMOVE CONTAMIN CLOTH. WASH SKIN W/SOAP & WATER. INHAL:REMOVE TO FRESH AIR. GIVE ART RESP IF NOT BREATHING. OXY MAY BE GIVEN BY QUALIFIED PERSONNEL IF BREATHING IS DIFFICULT. OBTAIN MED ATTN. THERE'S NO ANTIDOTE. TREATMENT OF OVEREXPO SHOULD BE DIRECTED @CNTRL OF SYMP & CLINICAL CONDITON.

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

Flash Point Method:TCC

Flash Point:=11.7C, 53.F

Lower Limits:2.0

Upper Limi

ts:12.7

Extinguishing Media:APPLY ALCOHOL-TYP OR ALL-PURPOSE TYP FOAMS BY MFG'S RECOMMENDED TECHNIQUES FOR LG FIRES.USE CO2 OR DRY CHEM FOR SM FIRES

Fire Fighting Procedures:USE WATERSPRAY TO COOL FIRE-EXPO CNTNRS/STRUCTURES.USE WATERSPRAY TO DISPERSE VAPO;REIGN IS POSSIBLE.USE SELF-CONTAINED BREATHING APPARATUS & PROTECTIVE CLOTH.

Unusual Fire/Explosion Hazard:VAP MAY SETTLE IN LOW/CONFINE AREA OR TRAVEL LONG DISTANCE TO ING SOURCE & FLASHBACK EXPLO.MATL MAY PRODUCE FLOA

TING FIRE HAZ.MAY IGN W/IGN SOURCES FROM DISTANC

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

Spill Release Procedures:EXTINGUISH & DO NOT TURN ON ANY IGN SOURCE TIL AREA IS DETERMINED TO BE FREE FROM EXPLO/FIRE HAZ.COLLECT LG SPILLS FOR DISPOSAL.FLUSH SM SPILLS W/WATER.WEAR SUITABLE PROTECTIVE EQPMT ESPECIALLY EYE PR OTECTION.

Neutralizing Agent:DILUTE WITH WATER

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

Handling and Storage Preca

utions:WARNING! FLAMMABLE. KEEP AWAY FROM HEAT/SPARKS/FLAME. KEEP CONTAINER CLOSED. USE W/ADEQUATE VENTILATION.

Other Precautions:CAUSES EYE IRRITATION. AVOID CONTACT W/EYES.

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

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

Ventilation:GEN(MECHANICAL) RM VENTILATION SHOULD BE SAT.SPECIAL,LOC VENTILATION IS NEEDED @PTS WHERE VAP ARE EXPECTED TO ESCAPE TO.

Protective Gloves:

RUBBER OR PLASTIC GLOVES.

Eye Protection:MONOGOGGLES.

Other Protective Equipment:EYE BATH, SAFETY SHOWER.

Work Hygienic Practices:WASH CONTAMIN CLOTHING PRIOR TO REUSE. WASH THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health

NONE.

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

HCC:F2

Boiling Pt:=82.2C, 180.F

Melt/Freeze Pt:=-88.3C, -127.F

Vapor Pres:33 MMHG

Vapor Density:2.07,AIR=1

Spec Gravity:0.7864

Evaporation Rate & Reference:2.88(N-BUTYL ACETATE=1)

Sol

ubility in Water:COMPLETE

Appearance and Odor:COLORLESS LIQUID;CHARACTERISTIC ODOR

Percent Volatiles by Volume:100.0

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

Stability Indicator/Materials to Avoid:YES

CONCEN NITRIC & SULFURIC ACIDS, STRONG OXIDIZERS, ALDEHYDES, HALOGENS, HALOGEN COMPOUNDS.

Stability Condition to Avoid:NONE PER MSDS; HOWEVER AVOID ALL SOURCES OF IGNITION (OPEN FLAMES/SPARKS/HEATERS/ELECTRICAL EQPMT/PILOT LIGHTS/ETC).

Hazardous Decompositio

n Products:BURNING:CARBON MONOXIDE (TOXIC) &/OR CARBON DIOXIDE (ASPHYXIAN).

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

Waste Disposal Methods:INCINERATE IN FURNACE WHERE PERMITTED UNDER APPROPRIATE LOCAL, STATE AND FEDERAL REGULATIONS.@VERY LOW CONCEN IN WATER (10PPM) PRODUCT CAN BE READILY BIODEGRADED IN A BIOLOGICAL WASTEWATER TREATMENT P LANT.

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