

EXXON CHEMICAL AMERICAS -- IPA USP (ISOPROPYL ALCOHOL) -- 6850-00-538-0929

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

Product ID:IPA USP (ISOPROPYL ALCOHOL)

MSDS Date:02/02/1996

FSC:6850

NIIN:00-538-0929

MSDS Number: CDJQH

=== Responsible Party ===

Company Name:EXXON CHEMICAL AMERICAS

Box:3272

City:HOUSTON

State:TX

ZIP:77001

Country:US

Info Phone Num:713-870-6885

Emergency Phone Num:713-870-6000/800-424-9300(CHEMTREC)

CAGE:72190

=== Contractor Identification ===

Company Name:CHEMICAL SPECIALISTS AND DEVELOPMENT INC

Address:2210 HACKBERRY LN

Box:687

City:CONROE

State:TX

ZIP:77305

Country:US

Phone:409-756-1065

CAGE:4N760

Company Name:EXXONMOBIL CHEMICAL CO, DIV OF EXXON MOBILCORP.

Address:13501 KATY FWY

Box:3272

City:HOUSTON

State:TX

ZIP:77253-3272

Country:US

Phone:281-870-6000 / 800-726-2015

CAGE:72190

===== Composition/Information on Ingredients =====

Ingred Name:ISOPROPYL A

LCOHOL (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 =====

LD50 LC50 Mixture:PRODUCT'S LD50 (ORAL RAT) WAS NOT STATED
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:EYE:IRRITATING, MAY CAUSE DAMAGE.
SKIN:PROLONGED &/OR REPEATED CONTACT MAY IRRITATE & CAUSE
DERMATITIS. INHALATION:VAPORS ARE IRRITATING TO EYES & RESPIRATORY
TRACT. ARE ANESTHETIC & MAY CAUSE CNS EFFECTS. INGESTION:MINIMAL
TOXICITY. SMALL AMOUNTS ASPIRATED INTO RESPIRATORY SYSTEM MAY CAUSE
BRONCHOPNEUMONIA & EDEMA.
Explanation of Carcinogenicity:MANUFACTURER GAVE NO INFORMATION ABOUT
CARCINOGENICITY. HMIS FOUND NO LISTING & DOES NOT EXPECT IT TO BE
CARCINOGENIC.
Effects of Overexposure:IRRITATION, HEADACHE, DIZZINESS, NAUSEA,
VOMITING,
TEARING, DEFATTING OF SKIN, DERMATITIS
Medical Cond Aggravated by Exposure:MFR GAVE NO INFORMATION OF MSDS.

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

First Aid:IF IRRITATION PERSISTS OR IS SEVERE, GET MEDICAL ATTENTION.
EYE:FLUSH W/WATER FOR 15 MIN. SKIN:WASH W/SOAP & WATER. REMOVE
CONTAMINATED CLOTHING & LAUNDRY BEFORE REUSE. INHALED:REMOVE FROM
EXPOSURE. AID OR RESTORE BREATHING AS NEEDED. INGESTED:DO NOT
INDUCE VOMITING. KEEP AT REST & GET IMMEDIATE MEDICAL ATTENTION.

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

Flash Point Method:TCC
Flash Point:54.0F,12.2C
Autoignition Temp:Autoignition Temp Text:>662F
Lower Limits:2.0
Upper Limits:12.7
Extinguishing Media:ALLOW FIRE TO BURN UNDER CONTROLLED CONDITIONS OR
EXTINGUISH W/ALCOHOL FORM, & DRY CHEMICAL. COVER SPILLS W/FOAM.
Fire Fighting Procedures:USE WATER SPRAY TO COOL FIRE EXPOSED SURFACES
& PROTECT PERSONNEL. IF SPILL HAS NOT IGNITED, USE WATER SPRAY TO

DISPERSE VAPORS. SHUT OFF FUEL TO FIRE.

Unusual Fire/Explosion Hazard:"EMPTY" CONTAINERS RETAIN RESIDUE & CAN IGNITE EXPLOSIVELY. DO NOT CUT, DRILL, OR WELD ON OR NEAR FULL OR EMPTY CONTAINERS. RETURN EMPTYS TO DRUM RECONDITIONER.

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

Spill Release Procedures:WEAR PROTECTIVE EQUIPMENT. ELIMINATE SOURCES OF IGNITION. VENTILATE AREA. REMOVE SPILL WITH PUMP(EXPLOSION PROOF)/WITH NON-FLAMMABLE ABSORBENT SUCH AS SA

ND. PLACE IN

CONTAINER FOR DISPOSAL. PREVENT LI QUID FROM ENTERING SEWERS, WATERWAYS ORLOW AREAS.

Neutralizing Agent:MFR GAVE NO INFORMATION OF MSDS.

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

Handling and Storage Precautions:STORE AT AMBIENT. KEEP CONTAINER CLOSED. HANDLE W/CARE. STORE IN COOL, WELL VENTILATED PLACE AWAY FROM INCOMPATIBLE MATERIALS. USE GROUNDING PRACTICE.

Other Precautions:DO NOT HANDLE NEAR IGNITION SOURCES. PROTECT FROM DIRECT S

UNLIGHT. DO NOT PRESSURIZE, CUT, HEAT, OR WELD CONTAINERS.

EMPTY CONTAINERS MAY RETAIN PRODUCT RESIDUE. DO NOT REUSE EMPTY CONTAINERS W/O COMM ERCIAL CLEANING OR RECONDITIONING.

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

Respiratory Protection:WHERE CONCENTRATIONS IN AIR MAY EXCEED THE LIMITS GIVEN, & ENGINEERING OR OTHER CONTROLS ARE NOT ADEQUIATE, A NIOSH/MSHA APPROVED RESPIRATOR MAY BE NECESSARY.

Ventilation:EXPLOSION PROOF MECHANICAL DILUTION VENTIL ATION IS

RECOMMEDED IN CONFINED SPACE OR HEATED ABOVE AMBIENT TEMPERATURES.

Protective Gloves:CHEMICAL RESISTANT GLOVES

Eye Protection:SAFETY GLASSES W/SIDE SHIELDS OR GOGGLES

Other Protective Equipment:LONG SLEEVES.

Work Hygienic Practices:MFR GAVE NO INFORMATION OF MSDS.

Supplemental Safety and Health

NONE

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

HCC:F2

NRC/State Lic Num:NONE

Boiling Pt:B.P. Text:180F - 181F

Melt/Freeze Pt:M.P/F.P Text:-128F,-89C

Vapor Pres:96

MM

Vapor Density:>1

Spec Gravity:0.79

Evaporation Rate & Reference:2.3 (N-BUTYL ACETATE=1)

Solubility in Water:100%

Appearance and Odor:CLEAR, COLORLESS LIQUID

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

Stability Indicator/Materials to Avoid:YES

CAUSTICS, AMINES, ALKANOLAMINES, ALDEHYDES STRONG OXIDIZING AGENTS &
CHLORINATED COMPOUNDS

Hazardous Decomposition Products:NONE

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

Waste Disposal Meth

ods:CONSULT AN EXPERT ON DISPOSAL OF RECOVERED

MATERIAL & ENSURE CONFORMITY TO LOCAL DISPOSAL REGULATIONS.

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