

CHEMICAL COMMODITIES AGENCY, INC. -- ISOPROPYL ALCOHOL,TECHNICAL -- 6810-01-382-2904
===== Product Identification =====

Product ID:ISOPROPYL ALCOHOL,TECHNICAL
MSDS Date:05/01/1993
FSC:6810
NIIN:01-382-2904
MSDS Number: BYDMG
=== Responsible Party ===
Company Name:CHEMICAL COMMODITIES AGENCY, INC.
Address:27447 PACIFIC STREET
City:HIGHLAND
State:CA
ZIP:92346-2640
Country:US
Info Phone Num:909-864-2
310/FAX 6220 D. ANGELO
Emergency Phone Num:909-864-2310
CAGE:60777
=== Contractor Identification ===
Company Name:CHEMICAL COMMODITIES AGENCY, INC.
Address:27447 PACIFIC STREET
Box:City:HIGHLAND
State:CA
ZIP:92346-2640
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===== Composition/Information on Ingredients =====

Ingred Name:ISOPROPYL ALCOHOL (SARA 313)
CAS:67-63-0
RTECS #:NT8050000
Fraction by Wt: 100%
Other REC Limits:NONE DETERMINED
OSHA PEL:400 PPM
ACGIH TLV:400 PPM/500STEL;9

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

LD50 LC50 Mixture:ORAL LD50 (RAT) IS 3600 MG/KG

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

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:INHALATION:12,000 PPM IDLH. IRRITATION

OF NOSE & THROAT, INEBRIATION. EYES:IRRITATION, CORNEAL BURNS.

SKIN:SLIGHT IRRITATION. MAY BE DERMALLY ABSORBED. INGESTION:TOXIC

IF INGESTED IN QUANTITIES.

Explanation of Carcinogenic

ity:CARCINOGENIC TO WORKERS INVOLVED IN THE

STRONG ACID METHOD OF PRODUCTION OF ISOPROPYL ALCOHOL.

Effects of Overexposure:INHALATION:HIGHER CONCENTRATIONS MAY CAUSE

HEADACHE, VOMITING, COMA. EVEN HIGHER CONCENTRATIONS MAY CAUSE COMA

OR DEATH. SKIN:DRYNESS, POSSIBLE DERMATITIS. INGESTION:LARGE

AMOUNTS CAUSES HEADACHE, NAUSEA, VOMITING, STOMACH CRAMPS,

UNCONSCIOUSNESS OR DEATH.

Medical Cond Aggravated by Exposure:MFR GAVE NO INFORMATION ON MSDS.

===== First

aid Measures =====

First Aid:INHALATION:REMOVE FROM EXPOSURE. GIVE ARTIFICIAL RESPIRATION

IF NEEDED, SEEK MEDICAL ATTENTION. EYES:FLUSH WITH WATER FOR 15

MINUTES, GET MEDICAL ATTENTION. SKIN:REMOVE CONTAMINATED CLOTHING &

WASH AREA WITH SOAP & WATER. IF IRRITATION PERSISTS, SEEK MEDICAL

ATTENTION. INGESTION:GIVE OXYGEN IF IN RESPIRATORY DEPRESSION. GIVE

ACTIVATED CHARCOAL. GET IMMEDIATE MEDICAL ATTENTION. USE GASTRIC

LAVAGE.

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Fire Fighting Measures =====

Flash Point Method:CC

Flash Point:53.0F,11.7C

Lower Limits:2.0

Upper Limits:12.7

Extinguishing Media:WATER SPRAY, DRY CHEMICAL, CARBON DIOXIDE, ALCOHOL
RESISTANT FOAM.

Fire Fighting Procedures:MOVE CONTAINER FROM FIRE AREA IF W/O RISK. USE

COOLING WATER ON CONTAINERS UNTIL WELL AFTER FIRE IS OUT. FOR

MASSIVE FIRE USE UNMANNED HOSE HOLDER. AVOID TANKS.

Unusual Fire/Explosion Hazard:SOLID STREAM OF WATER MAY BE INEFFECTIVE.

EXTINGUISH

ONLY IF FLOW CAN BE STOPPED. USE WATER IN FLOODING
AMOUNTS AS FOG. APPLY WATER FROM A LARGE DISTANCE.

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

Spill Release Procedures:ELIMINATE IGNITION SOURCES. STOP LEAK IF W/O
RISK. TAKE UP W/SAND OR OTHER ABSORBENT & PLACE INTO CONTAINERS FOR
LATER DISPOSAL.

Neutralizing Agent:MFR GAVE NO INFORMATION ON MSDS.

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

Handling and Storage Precautions:STORE P

ER 29DFR1910.106. BOND &

GROUND CONTAINERS PER NFPA 77-1983. STORE AWAY FROM INCOMPATIBLES.

Other Precautions:OBSERVE ALL FEDERAL, STATE & LOCAL REGULATIONS WHEN
STORING OR DISPOSING OF THIS SUBSTANCE.

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

Respiratory Protection:USE RESPIRATOR BASED UPON CONTAMINATION LEVELS
IN THE WORK PLACE & MUST NOT EXCEED ITS WORKING LIMITS. MUST BE
JOINTLY APPROVED BY NIOSH & MSHA. FOLLOW NIOSH CRITERIA
RECOMMENDED

IN POCKET GUIDE OR IN 29CFR1910.

Ventilation:PROVIDE GENERAL DILUTION VENTILATION TO MEET PUBLISHED
EXPOSURE LIMITS. EQUIPMENT MUST BE EXPLOSION PROOF.

Protective Gloves:APPROPRIATE PROTECTIVE GLOVES.

Eye Protection:SPLASH PROOF OR DUST RESISTANT GOGGLES

Other Protective Equipment:IMPERVIOUS CLOTHING & EQUIPMENT TO PREVENT
REPEATED OR PROLONGED SKIN CONTACT. EYE WASH FOUNTAIN IN IMMEDIATE
AREA.

Work Hygienic Practices:MFR GAVE NO INFORMATION ON MSDS.

Supplemental Safety and Health

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HIS MSDS WAS RECEIVED (APPARENTLY FISHER SCIENTIFIC) WITH CHEMICAL
COMMODITIES AGENCY HAND WRITTEN ON IT AND ALL OTHER IDENTIFICATION
OBLITERATED.

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

HCC:F2

NRC/State Lic Num:NONE

Boiling Pt:B.P. Text:180F,82C

Melt/Freeze Pt:M.P/F.P Text:-129F,-89C

Vapor Pres:40 MM

Vapor Density:2.1

Spec Gravity:0.7855

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

Solubility in Water:SOLUBLE

Appearance and Odor:COLORLESS LIQUID

W/AN ODOR OF ALCOHOL

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

Stability Indicator/Materials to Avoid:YES
ACIDS, ALUMINUM, PERCHLORATES, OXIDIZERS, OLEUM, PHOSGENE,
Stability Condition to Avoid:HEAT, SPARKS AND OPEN FLAMES. SLOWLY
PEROXIDIZES ON EXPOSURE TO AIR; AN EXPLOSION HAZARD IF DISTILLED OR
ALLOWED TO DRY.
Hazardous Decomposition Products:TOXIC OXIDES OF CARBON.
Conditions to Avoid Polymerization:HAZARDOUS POLYMERIZATION HAS NOT
BEEN REPORTED TO OC
CUR UNDER NORMAL TEMPERATURES OR PRESSURES

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

Waste Disposal Methods:DISPOSAL MUST BE I/A/W STANDARDS APPLICABLE TO
GENERATORS OF HAZARDOUS WASTE, 40CFR262. EPA WASTE NO D001.

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