

VAN WATERS AND ROGERS -- ISOPROPYL ALCOHOL -- 9150-00-424-3224

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

Product ID:ISOPROPYL ALCOHOL

MSDS Date:05/25/1990

FSC:9150

NIIN:00-424-3224

Kit Part:Y

MSDS Number: BGSXH

=== Responsible Party ===

Company Name:VAN WATERS AND ROGERS

Address:2256 JUNCTION AVE

City:SAN JOSE

State:CA

ZIP:95131

Country:US

Info Phone Num:206-447-5911 OR 714-864-2310

Emergency Phone Num:

408-435-8700 OR 714-864-2310

Preparer's Name:C.A.EISENHARD

CAGE:0AN91

=== Contractor Identification ===

Company Name:CHEMICAL COMMODITIES AGENCY, INC.

Address:27447 PACIFIC STREET

Box:City:HIGHLAND

State:CA

ZIP:92346-2640

Country:US

Phone:909-864-2310

CAGE:60777

Company Name:VAN WATERS AND ROGERS

Address:2256 JUNCTION AVE

City:SAN JOSE

State:CA

ZIP:95131

Country:US

Phone:408-435-8700/800-424-9300(CHEMTREC)

CAGE:0AN91

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

Ingred N

ame:ISOPROPYL ALCOHOL (SARA III)
CAS:67-63-0
RTECS #:NT8050000
Fraction by Wt: 99.0%
Other REC Limits:NONE SPECIFIED
OSHA PEL:400 PPM/500 STEL
ACGIH TLV:400 PPM/500STEL;9192

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

LD50 LC50 Mixture:LD50 5045 MG/KG LDLO MAN 2770 MG/KG
Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:PRODUCT IS MILDLY IRRITATING AND
MODERATELY TOXIC. CHRONIC OVER EXPOSURE MAY CAUSE KIDNEY OR BRAIN
DAMAGE.
Effects of Overexposure:MFR REPORT:"PROLONGED OR REPEATED EXPOSURE TO
HIGH CONCENTRATION CAN PRODUCE SEVERE OR FATAL CNS DEPRESSION,"
*HMIS: EYE/SKIN:IRRITATION. INHALED:RESPIRATORY
IRRITATION,HEADACHE,DIZZINESS,FATIGUE,NAUSEA A POSSIBLE COMA,
INGESTED::G/I IRRITATION,NAUSEA,VOMITING,DIARRHEA.
Medical Cond Aggravated by Exposure:NONE REPORTED

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

First Aid:EYE:
FLUSH WITH WATER 15 MIN.SKIN:REMOVE CONTAMINATED CLOTHING
& WASH WITH SOAP & WATER. LAUNDRY CONTAMINATED CLOTHING BEFORE
REUSE. INHALED:REMOVE TO FRESH AIR. GET MEDICAL CARE. INGESTED:GIVE
2 GLASSES OF WATER & INDUCE VOMITING. GET MEDICAL CARE. GIVE
NOTHING BY MOUTH IF UNCONSCIOUS.

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

Flash Point:=11.7C, 53.F
Lower Limits:2.0
Upper Limits:12.7
Extinguishing Media:USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY
C

HEMICAL.

Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A FULL FACED SELF CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED CONTAINERS WITH WATER SPRAY. CONTAIN RUNOFF.

Unusual Fire/Explosion Hazard:VAPORS ARE HEAVIER THAN AIR AND MAY TRAVEL TO AND FLAS-BACK FROM AN IGNITION SOURCE

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

Spill Release Procedures:MOP OR WIPE UP,OR ADSORB WITH INERT MATERIAL, STORE IN TIGHTLY CLOSED CONTAINER PENDING DISPOSAL.

Neutralizing Agent:NONE

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

Handling and Storage Precautions:STORE FLAMMABLE LIQUID;IN A COOL,WELL VENTILATED AREA,SEPARATED.FROM IGNITION SOURCES AND INCOMPATIBLES.

Other Precautions:"EMPTY"CONTAINERS MAY CONTAIN EXPLOSIVE AMOUNT OF RESIDUE OR VAPOR. DO NOT CUT,WELD,ETC ON THEM

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

Respiratory Protection:WEAR NIOSH/MSHA APPROVED CARTRIDGE RESPIRATOR FOR ORGANIC VAPOR WHEN EXPOSURE EXCEEDS TLV/PEL.RESPIRATOR IS NOT EXPECTED TO BE NEEDED UNLESS USED IN ENCLOSED AREA WITH POOR VENTILATION.

Ventilation:NORMAL ROOM VENTILATION,IS EXPECTED TO BE SUFFICIENT.

Protective Gloves:IMPERVIOUS

Eye Protection:SAFETY GLASSES

Other Protective Equipment:WEAR CLOTHING SUFFICIENT TO PREVENT PROLONGED/REPEATED CONTACT.

Work Hygienic Practices:USE GOOD CHEMICAL HYGIENCE PRACTICE. AVOID CONTACT.

Supplemental Safety and Health

KEY1:F2.

PART A OF A 2 PART KIT. SEE P/N IND B FOR OTHER PART. SPEC FOR PART A IS TT-735.

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

HCC:F2

Boiling Pt:=82.8C, 181.F

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

Vapor Pres:33

Vapor Density:2.07

Spec Gravity:0.79

Evaporation Rate & Reference:3.0(N-BUTYL ACETATE=1)

Solubility in Water:COMPLETE

Appearance and Odor:CLEAR COLORLESS LIQUID,ALCOHOL ODOR

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

Stability Indicator

/Materials to Avoid: YES

STRONG OXIDIZING AGENTS

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

Hazardous Decomposition Products: NORMAL PRODUCTS OF COMBUSTION.

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

Waste Disposal Methods: DISPOSE I/A/W FEDERAL, STATE, LOCAL REGULATIONS.

Disclaimer (provided with this information by the compiling agencies):

This information is formulated for use by elements of the Department
of Defense. The U

nited States of America in no manner whatsoever,

expressly or implied, warrants this information to be accurate and

disclaims all liability for its use. Any person utilizing this

document should seek competent professional advice to verify and

assume responsibility for the suitability of this information to their

particular situation.