

VAN WATERS AND ROGERS INC -- ISOPROPYL ALCOHOL -- 6810-01-190-2538

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

Product ID:ISOPROPYL ALCOHOL

MSDS Date:05/18/1988

FSC:6810

NIIN:01-190-2538

MSDS Number: BGQDR

=== Responsible Party ===

Company Name:VAN WATERS AND ROGERS INC

Address:2600 CAMPUS DRIVE

Box:5932

City:SAN MATEO

State:CA

ZIP:94403-2522

Country:US

Info Phone Num:714-864-2310

Emergency Phone Num: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 Name:ISOPROPYL ALCOHO

L (SARA III)
CAS:67-63-0
RTECS #:NT8050000
Fraction by Wt: >99%
OSHA PEL:400 PPM/500 STEL
ACGIH TLV:400 PPM/500STEL;9192

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

LD50 LC50 Mixture:ORAL LD50 (RAT) = 5840 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:ACUTE: INHALE: HEADACHES, VOMITING,
COMA. EYE: SEVERE IRRITATION AND CORNEAL BURNS. SKIN: IRRITATION
AND DERM
ATITIS. INGEST: HEADACHES, NAUSEA, VOMITING, STOMACH CRAMPS
AND DIARRHEA. CHRONIC: PROLONGE D OR REPEATED EXPOSURE TO HIGH
CONCENTRATIONS CAN PRODUCE SEVERE OR FATAL CNS DEPRESSION.
Explanation of Carcinogenicity:THIS CHEMICAL IS NOT LISTED AS HAVING
ANY EVIDENCE OF BEING CARCINOGENIC.
Effects of Overexposure:OVEREXPOSURE MAY LEAD TO DIZZINESS, HEADACHES,
DERMATITIS AND EYE IRRITATION. HIGH VAPOR CONCENTRATIONS ARE
ANESTHETIC AND MAY HAVE OTHER CENTRAL NERVOUS SYSTEM EFFECTS.
Medical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING SKIN
DISORDERS, EYE PROBLEMS, OR IMPAIRED RESPIRATORY FUCTION MAY BE
MORE SUSCEPTIBLE TO THE EFFECTS OF THIS SUBSTANCE.

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

First Aid:SKIN: IMMEDIATELY FLUSH WITH SOAP AND WATER. GET MEDICAL
ATTENTION IF NECESSARY. INHALATION: IMMEDIATELY REMOVE VICTIUM TO
FRESH AIR. GIVE CPR IF BREATHING IS STOPPED. GET MEDICAL ATTENTION.
EYE: IMME DIATELY FLUSH W
ITH WATER FOR 15 MINUTES.GET MEDICAL
ATTENTION. INGESTION: GET PROMPT MEDICAL ATTENTION. INDUCE
VOMITING, UNLESS UNCONSCIOUS. KEEP AT REST.

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

Flash Point Method:TOC
Flash Point:53F/12C
Autoignition Temp:Autoignition Temp Text:UNKNON
Lower Limits:2
Upper Limits:12.7
Extinguishing Media:WATER SPRAY, DRY CHEMICAL,CO*2, ALCOHOL FOAM,NO
WATER STREAM
Fire Fighting Procedures:WEAR SCBA PP MODE & FUEL BODY PROTECT.COOL EXP

CNTRS W/SPRAY

Unusual Fire/Explosion Hazard:REMOVE ALL IGNITION SOURCES. DENSE VAPORS
MAY MIGRATE ALONG GROUND & IGNITE.

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

Spill Release Procedures:MINOR: ABSORB MATERIAL WITH CLAY, VERMICULITE,
OR SIMILAR ABSORBENT MATERIAL. PLACE IN DISPOSAL CONTAINERS. MAJOR:
DIKE & CONTAIN SPILL. ELIMINATE SOURCES OF IGNITION. SHUT OFF
LEAKS. REMOVE LIQUID BY VACUUM OR ABSORBENT. FLUSH RESIDUE
WITHWATER.

Neutralizing

Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:FLAMMABLE LIQUID. STORE IN COOL DRY
AREA AWAY FROM HEAT & IGNITION SOURCES.GROUND EQUIP WHEN POURING.
KEEP CONTR CLOSED. EMPTY CNTRS POSS FLAM VAPORS

Other Precautions:AVOID EYE,SKIN CONTACT. DO NOT INGEST OR INHALE.

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

Respiratory Protection:USE NIOSH/MSHA APPROVED RESPIRATOR FOR
ORGANIC
VAPORS/MIST.

Ventilation:LOCAL PREFERRED

Protective Gloves:RUBBER

Eye Protection:CHEMICAL GOGGLES

Other Protective Equipment:SAFETY SHOES, EYE WASH STATION & SAFETY
SHOWER.

Work Hygienic Practices:DO NOT TAKE INTERNALLY. AVOID SKIN CONTACT.
WASH SKIN AFTER USING PRODUCT. DO NOT EAT, DRINK OR SMOKE IN WORK
AREA.

Supplemental Safety and Health

NONE

===== 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 (BUTYL ACETATE=1)
Solubility in Water:COMPLETE
Appearance and Odor:CLEAR,COLORLESS LIQUID, MEDICINAL ALCOHOLIC ODOR
Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES
ALUMINUM POWDER, STRONG OXIDIZERS
Stability Condition to Avoid:EXCESS HEAT, IGNITION SOURCES
Hazardous Decomposition Products:CARBON DIOXIDE, CARBON MONOXIDE.

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

Waste Disposal Methods:DISPOSE OF ALL WASTE IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS. RECLAIM OR INCINERATE.

Disclaimer (provided with this information by the compiling agencies):
This information is formulated for use by elements of the Department of Defense. The United 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.