

VAN WATER & ROGER -- ISOPROPYL ALCOHOL TECH -- 6810-01-220-9907

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

Product ID:ISOPROPYL ALCOHOL TECH

MSDS Date:05/01/1993

FSC:6810

NIIN:01-220-9907

MSDS Number: BGQWF

=== Responsible Party ===

Company Name:VAN WATER & ROGER

Address:2600 CAMPUS DR

Box:5932

City:SAN MATEO

State:CA

ZIP:94403-2522

Country:US

Info Phone Num:714-864-2310

Emergency Phone Num:800-424-9300

Preparer's Name:C.A.EISENHARD

CAGE:09N91

=== 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 WATER & ROGERS INC.,SUB OF UNIVAR

Address:6100 CARILLON POINT

Box:5932

City:KIRKLAND

State:WA

ZIP:98033

Country:US

Phone:206-889-3400

CAGE:09N91

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

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Composition/Information on Ingredients
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Ingred Name:ISOPROPYL ALCOHOL (SARA III)

CAS:67-63-0

RTECS #:NT8050000

Fraction by Wt: >99%

Other REC Limits:NONE DETERMINED

OSHA PEL:400 PPM/500 STEL

ACGIH TLV:400 PPM/500STEL;9192

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

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

Health Hazar

ds Acute and Chronic:INHALATION-IRRITATION OF NOSE &
THROAT. EYES-IRRITATION, CORNEAL BURNS. PROLONGED EXPOSURE TO HIGH
CONCENTRATIONS MAY CAUSE SEVERE OR FATAL CNS DEPRESSION.

Explanation of Carcinogenicity:NOT CARCINOGENIC.

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, NAU SEA, VOMITING, STOMACH CRAMPS

UNCONSCIOUSNESS OR DEATH.

Medical Cond Aggravated by Exposure:PRE-EXISTING SKIN DISORDERS, EYE
PROBLEMS, OR IMPAIRED RESPIRATORY FUNCTION MAY BE SUSCEPTIBLE.

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First Aid Measures
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First Aid:INHALATION: REMOVE TO FRESH AIR. GIVE ARTIFICIAL RESPIRATION
IF NEEDED, SEEK MEDICAL ATTENTION. EYES: FLUSH WITH WATER FOR 15
MINUTES, GET MEDICAL ATTENTION. SKIN: WASH AREA WITH SOAP & WATER.
IF IRRITATION PERSISTS, SEEK MEDICAL ATTENTIO

N.INGESTION: INDUCE
VOMITING BY GIVING WATER, PREVENT ASPIRATION, GET IMMEDIATE MEDICAL
ATTENTION.

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Fire Fighting Measures
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Flash Point Method:TCC

Flash Point:53.0F,11.7C

Lower Limits:2.0

Upper Limits:12.7

Extinguishing Media:WATER SPRAY, DRY CHEMICAL, CARBON DIOXIDE, ALCOHOL
FOAM; DO NOT USE DIRECT WATER SPRAY.

Fire Fighting Procedures:FIREFIGHTERS SHOULD WEAR SELF-CONTAINED
BREATHING APPARATUS & FULL PROTECTIVE CLOTHING. USE WATER S

PRAY TO

COOL NEARBY CONTAINERS & STRUCTURES THAT ARE EXPOSED.

Unusual Fire/Explosion Hazard:EXTINGUISH ALL NEARBY SOURCES OF IGNITION
BECAUSE VAPORS MAY BE MOVED BY AIR CURRENTS TO IGNITION SOURCES
DISTANT FROM THE HANDLING POINT.

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

Spill Release Procedures:EXTINGUISH ALL IGNITION SOURCES. MAKE SURE ALL
HANDLING EQUIPMENT IS ELECTRICALLY GROUNDED. FOR SMALL SPILLS MOP
UP & PLACE IN D.O.T. APPROVED CONTAINERS.

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

Handling and Storage Precautions:KEEP AWAY FROM HEAT, SPARKS & OPEN
FLAMES. STORE IN COOL, DRY, WELL-VENTILATED PLACE AWAY FROM
INCOMPATIBLE MATERIALS. VENT CONTAINERS FREQUENTLY.

Other Precautions:MORE OFTEN IN WARM WEATHER, USE ONLY ON NON-SPARKING
TOOLS AND ELECTRICALLY GROUND ALL EQUIPMENT WHEN HANDLING THIS
PRODUCT. DO NOT USE PRESSURE TO EMPTY CONTAINERS. EMPTY CONTAINERS
CAN HAVE RESIDUES , GASES &
MISTS.

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

Respiratory Protection:BASED UPON CONTAMINATION LEVELS IN THE WORK
PLACE. FOR EXAMPLE: HALF MASK AIR-PURIFYING CARTRIDGE RESPIRATORS
OR SUPPLIED AIR RESPIRATORS.

Ventilation:LOCAL-MECHANICAL EXHAUST.

Protective Gloves:RUBBER GLOVES.

Eye Protection:SAFETY GOGGLES.

Other Protective Equipment:RUBBER APRON, RUBBER BOOTS, IMPERVIOUS
CLOTHING.

Work Hygienic Practices:EYE WASH FOUNTAIN, QUICK DRENCH SHOWER.

Supplem

ental Safety and Health

NONE

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

HCC:F2

Boiling Pt:B.P. Text:181F,83C

Melt/Freeze Pt:M.P/F.P Text:-127F,-88C

Vapor Pres:33

Vapor Density:2.07

Spec Gravity:0.79

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

Solubility in Water:100%

Appearance and Odor:MEDICINAL ALCOHOLIC ODOR.

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZERS, ALUMINUM, ACETAL

DEHYDE, CHLORINE, ETHYLENE OXIDE,
HYPOCHLOROUS ACID, ALDEHYDES.

Stability Condition to Avoid:HEAT, SPARKS AND OPEN FLAMES.

Hazardous Decomposition Products:MAY LIBERATE CARBON MONOXIDE AND
CARBON DIOXIDE.

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

Waste Disposal Methods:CONSULT APPROPRIATE FEDERAL, STATE AND LOCAL
REGULATORY AGENCIES TO ASCERTAIN PROPER DISPOSAL PROCEDURES.

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