

UNIVAR CORP;VAN WATERS AND ROGERS INC DIV. -- ISOPROPYL ALCOHOL -- 6810-00-286-5435
===== Product Identification =====

Product ID:ISOPROPYL ALCOHOL

MSDS Date:08/27/1989

FSC:6810

NIIN:00-286-5435

MSDS Number: BHCJZ

=== Responsible Party ===

Company Name:UNIVAR CORP;VAN WATERS AND ROGERS INC DIV.

Address:1600 NORTH BLDG

City:SEATTLE

State:WA

ZIP:98104-1464

Country:US

Info Phone Num:408-435-8700

Eme

rgency Phone Num:408-435-8700

CAGE:KO696

=== Contractor Identification ===

Company Name:UNIVAR CORP;VAN WATERS AND ROGERS INC.

Address:2600 CAMPUS

Box:5932

City:SAN MATEO

State:CA

ZIP:94403-2522

Country:US

Phone:206-447-5911 OR 714-864-2310 (DIST)

CAGE:KO696

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 ALCOHOL (SARA III)
CAS:67-63-0
RTECS #:NT8050000
Fraction by Wt: >99.0%
OSHA PEL:400 PPM/500 STEL
ACGIH TLV:400 PPM/500STEL;9192

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

LD50 LC50 Mixture:ORAL RAT LD50:5840 MG/KG:DERM:13G/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:IRRITATION OF
EYES,SKIN,RESPIRATIONY OR G.I.TRACT:CORNEAL BURNS;CNS EFFECTS LIKE
HEADACHE,VOMITING,NAUSEA,DIZZINESS;INGESTION MAY CAUSE
HEADACHE,NAUSEA,VOMITING,STOMACH CRAMPS. CHRONIC;CNS DEPRES-
SION;MAY BE FATAL IN HIGH CONCENTRATION.
Explanation of Carcinogenicity:NO DATA PER MSDS.
Effects of Overexposure:SEE HEALTH HAZARDS DATA.
Medical Cond Aggravated by Exposure:PRE-EXISTING CONDITIONS MAY BE
WORSEN.

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

First Aid:EYES:FLUSH WITH PLENTY OF WATER FOR ABOUT 15-20 MINUTES;SEEK
MEDICAL H
ELP,SKIN:WASH THOROUGHLY WITH SOAP AND WATER.
INHALATION:REMOVE TO FRESH AIR;SEEK MEDICAL HELP IF NEEDED.
INGESTION;SEEK MEDICAL H ELP IMMEDIATELY.

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

Flash Point Method:TCC
Flash Point:53F/11.7C
Autoignition Temp:Autoignition Temp Text:N?K
Lower Limits:2.0
Upper Limits:12.7
Extinguishing Media:USE WATER SPRAY;DRY CHEMICAL,CO*2,FOAM.
Fire Fighting Procedures:USE NIOSH/MSHA APPROVED SCBA IN AN ENCLOSED
AREA.
Unusual F

ire/Explosion Hazard:AVOID EXTREME HEAT:VAPORS MAY CATCH
FIRE/EXPLOSION.

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

Spill Release Procedures:USE PROPER PERSONAL PROTECTION:REMOVE ALL
IGNITION,SOURCES;CONTAIN FREE LIQUID IF POSSIBLE.

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

Handling and Storage Precautions:STORE COOL DRY AND WELL VENTILATED
AREA.KEEP AWAY FROM FROM HEAT,OPEN FLAMES.

===== Exposure Controls/Personal Prot
ection =====

Respiratory Protection:USE NIOSH/MSHA APPROVED RESPIRATOR FOR ORGANIC
VAPORS/MIST IF ABOVE PEL/TLV

Ventilation:LOCAL/GENERAL TO MAINTAIN PEL/TLV

Protective Gloves:RUBBER

Eye Protection:CHEMICAL GOGGLES.

Other Protective Equipment:EYE-WASH; SAFETY SHOWER; PROTECTIVE APRON.

Work Hygienic Practices:AVOID CONTACT WITH EYES AND SKIN;DO NOT BREATHE
VAPORS/MIST WASH THOROUGHLY AFTER EACH USE.

Supplemental Safety and Health

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

HCC:F2

Boiling Pt:B.P. Text:181F/82.7C

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

Vapor Pres:33

Vapor Density:2.07

Spec Gravity:0.79

Evaporation Rate & Reference:3.0 (BUTY.ACETATE=1)

Solubility in Water:COMPLETE (100%)

Appearance and Odor:COLORLESS LIQUID,MEDICINAL ALCOHOL ODOR.

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZERS,ALUMINUM.

Stability Condition to Avoid:HEAT,SPARKS & OPEN FLAMES

Hazardou

s Decomposition Products:CO OR CO*2

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

Waste Disposal Methods:DISPOSAL MUST BE IN ACCORDANCE WITH LOCAL STATE
AND FEDERAL REGULATIONS.

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