

UNIVAR CORP;VAN WATERS AND ROGERS INC. -- ISOPROPYL ALCOHOL VW&R CODE:T1238 --  
6810-00-227-0410

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

Product ID:ISOPROPYL ALCOHOL VW&R CODE:T1238

MSDS Date:08/01/1987

FSC:6810

NIIN:00-227-0410

MSDS Number: BGXCH

=== Responsible Party ===

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

Address:2600 CAMPUS

Box:5932

City:SAN MATEO

State:CA

ZIP:94403-2522

Country:US

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

Emergency Phone Num:206-447-5911

Preparer's Name:DOUGLAS EISNER

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:0AN9

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

Inged Name:ISOPROPYL ALCOHOL (SARA III)

CAS:67-63-0

RTECS #:NT8050000

Fraction by Wt: &gt;99.0%

OSHA PEL:400 PPM/500 STEL

ACGIH TLV:400 PPM/500STEL;9192

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

LD50 LC50 Mixture:ORAL 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:IRRITATION OF

EYES,SKIN,RESPIRATORY OR G.I. TRACTS,CNS

EFFECTS,HEADACHE,VOMITING,NAUSEA,DIZZINESS. CHRONIC:CNS

DEPRESSION,DERMATITIS,RESPIRATORY PROBLEM.

Explanation of Carcinogenicity:NO DATA

Effects of Overexposure:SEE HEALTH HAZARDS DATA.

Medical Cond Aggravated by Exposure:PRE-EXISTING CONDITIONS MAY BE  
WORSEN.=====  
First Aid Measures  
=====First Aid:SKIN AND EYES:FLUSH WITH PLENTY OF WATER FOR ABOUT 15-20  
MINUTES,SEEK MEDICAL HELP. INHALATION:REMO

VE TO FRESH AIR,CALL A

PHYSICIAN. INGESTION:CONSULT A PHYSICIAN IMMEDIATELY.

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

Flash Point Method:TCC

Flash Point:53F/11.7C

Lower Limits:2.0

Upper Limits:12.7

Extinguishing Media:WATER-SPRAY,DRY CHEMICAL,CO\*2,ALCOHOLIC FOAM;DO NOT  
USE DIRECT STREAM OF WATER.Fire Fighting Procedures:USE NIOSH/MSHA APPROVED SCBA IN AN ENCLOSED  
AREA.Unusual Fire/Explosion Hazard:AVOID EXTREME TEMPERATURES.VAPORS MAY  
CATCH FIRE/OR

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 IN COOL,DRY AND WELL VENTILATED AREA;KEEP AWAY FROM HEAT,OPEN FLAMES AND SPARKS.

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

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,NEOPRENE.

Eye Protection:CHEMICAL GOGGLES.

Other Protective Equipment:BOOTS,APRON,EYE-WASH FACILITIES.

Supplemental Safety and Health

===== 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 ( BUTYL ACETATE=1)

Solubility in Water:100% (COMPLETE)

Appearance and Odor:CLEAR,COLORLESS LIQUID,MEDICAL ALCOHOLIC ODOR.

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZERS,AL,CL\*3,ACIDS,ALKALIS HALOGEN OR ITS COMPOUNDS.

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

Hazardous Decomposition Products:CO AND CO\*2.

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

Waste Disposal Methods:DISPO

SAL MUST BE IN ACCORDANCE WITH LOCAL, STATE  
AND FEDERAL REGULATIONS.

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.