

EXXON CHEMICAL AMERICAS -- 2-PROPANOL -- 6810-00-227-0410

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

Product ID:2-PROPANOL

MSDS Date:02/02/1996

FSC:6810

NIIN:00-227-0410

MSDS Number: BDKPT

=== Responsible Party ===

Company Name:EXXON CHEMICAL AMERICAS

Box:3272

City:HOUSTON

State:TX

ZIP:77001

Country:US

Info Phone Num:713-870-6885

Emergency Phone Num:713-870-6000/800-424-9300(CHEMTREC)

CAGE:72190

=== Cont

actor Identification ===

Company Name:CHEMICAL SPECIALISTS AND DEVELOPMENT INC

Address:2210 HACKBERRY LN

Box:687

City:CONROE

State:TX

ZIP:77305

Country:US

Phone:409-756-1065

CAGE:4N760

Company Name:EXXONMOBIL CHEMICAL CO, DIV OF EXXON MOBILCORP.

Address:13501 KATY FWY

Box:3272

City:HOUSTON

State:TX

ZIP:77253-3272

Country:US

Phone:281-870-6000 / 800-726-2015

CAGE:72190

Company Name:SANLO PRODUCTS CO

Address:100 ,MANHATTAN AVE SUITE 103

City:UNION CITY

State:NJ

ZIP:07087

Country:US

Phone:201-348-

1684/800-424-9300(CHEMTREC)
CAGE:0K5U0

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Composition/Information on Ingredients
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Ingred Name:ISOPROPYL ALCOHOL (SARA 313)
CAS:67-63-0
RTECS #:NT8050000
Fraction by Wt: 100%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:400 PPM
ACGIH TLV:400 PPM/500STEL;9596

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Hazards Identification
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LD50 LC50 Mixture:PRODUCT'S LD50 (ORAL RAT) WAS NOT STATED
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NT
P:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:EYE:MAY CAUSE IRRITATION & INJURY.
PROLONGED &/OR REPEATED SKIN CONTACT:DERMATITIS. VAPOR
CONCENTRATIONS >TLV MAY CAUSE EYE OR RESPIATORY IRRITATION,
HEADACHE, DIZZINESS, CNS EFFECTS. INGESTION:MINIM AL TOXICITY.
ASPIRATION HAZARD! MAY CASUE PULMONARY EDEMA IF SMALL AMOUNTS ARE
ASPIRATED INTO LUNGS DURING VOMITING.
Explanation of Carcinogenicity:MANUFACTURER GAVE NO INFORMATION ABOUT
CARCINOGENICITY. HMIS FOUND NO
LISTING & DOES NOT EXPECT IT TO BE
CARCINOGENIC.
Effects of Overexposure:EYE:IRRITATION. SKIN:IRRITATION, DERMATITIS.
INHALATION:RESPIATORY IRRITATION, HEADACHE, DIZZINESS, CENTRAL
NERVOUS SYSTEM EFFECTS. INGESTION:ASPIRATION MAY CAUSE
BRONCHIOPNEUMONIA OR PULMONARY EDEMA .
Medical Cond Aggravated by Exposure:MFR GAVE NO INFORMATION OF MSDS.

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First Aid Measures
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First Aid:IF IRRITATION PERSISTS OR IS SEVERE, GET MEDICAL ATTENTION
EYE:FLUSH W/WATER FOR 15 MIN. SKIN:WASH W/SOAP & WATER. REMOVE
CONTAMINATED CLOTHING & LAUNDRER BEFORE REUSE. INHALED:REMOVE FROM
EXPOSURE. A ID OR RESTORE BREATHING AS NEEDED. INGESTED:DO NOT
INDUCE VOMITING. KEEP AT REST. GET IMMEDIATE MEDICAL ATTENTION.

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Fire Fighting Measures
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Flash Point Method:TCC
Flash Point:54.0F,12.2C
Autoignition Temp:Autoignition Temp Text:>662F
Lower Limits:2.0
Upper Limits:12.7
Extinguishing Media:EITHER

ALLOW FIRE TO BURN UNDER CONTROLLED CONDITIONS OR EXTINGUISH W/ALCOHOL FOAM, DRY CHEMICAL. COVER SPILLS W/FOAM.

Fire Fighting Procedures:USE WATER TO COOL FIRE EXPOSED SURFACES & PROTECT PERSONNEL. IF SPILL HAS NOT IGNITED USE WATER TO DISPERSE VAPORS.

Unusual Fire/Explosion Hazard:DO NOT CUT, DRILL, OR WELD ON OR NEAR DRUM IT CAN IGNITE EXPLOSIVELY. GROUND CONTAINERS WHEN TRANSFERRING LIQUID. VAPORS MAY TRAVEL ALONG GROUND & FLASH BACK.

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

Spill Release Procedures:ELIMINATE IGNITION SOURCES. STOP LEAK IF W/O RISK. IMPLEMENT CLEAN-UP PROCEDURES. REPORT SPILL AS APPLICABLE. DIKE TO CONTAIN W/NON-FLAMMABLE MATERIAL. RECOVER LIQUID. ABSORB REMAINDER.

Neutralizing Agent:MFR GAVE NO INFORMATION OF MSDS.

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

Handling and Storage Precautions:USE PROPER GROUNDING PROCEDURE. STORE AT AMBIENT TEMPERATURE & PRESSURE. KEEP CLOSED. HANDLE OPEN

CONTAINERS W/CARE. DO NOT STORE NEAR IGNITION SOURCE

Other Precautions:STORE IN COOL WELL VENTILATED PLACE AWAY FROM INCOMPATIBLE MATERIAL. PROTECT FROM DIRECT SUNLIGHT. DO NOT PRESSURIZE, CUT, HEAT, WELD CONTAINERS. EMPTY CONTAINERS RETAIN PRODUCT RESIDUE. DO NOT REUSE CONTAINERS W/O COMMERCIAL CLEANING.

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

Respiratory Protection:WHERE AIRBORNE VAPOR EXCEED LIMITS GIVEN & ENGINEERING, WORK PRACTICE OR OTHER MEANS OF EXPOSURE REDUCTION ARE NOT ADEQUATE, NIOSH/MSHA APPROVED RESPIRATOR MAY BE NECESSARY TO PREVENT OVEREXPOSURE BY INHALATION.

Ventilation:USE EXPLOSION PROOF MECHANICAL DILUTION VENTILATION IF PRODUCT IS USED IN CONFINED SPACE OR HEATED ABOVE AMBIENT TEMPERA

Protective Gloves:CHEMICAL RESISTANT GLOVES.

Eye Protection:CHEMICAL GOGGLES

Other Protective Equipment:LONG SLEEVES.

Work Hygienic Practices:MFR GAVE NO INFORMATION OF MSDS.

Supplemental Safety and Health

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NONE

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

HCC:F2
NRC/State Lic Num:NONE
Boiling Pt:=82.C, 179.6F
Melt/Freeze Pt:=-89.C, -128.2F
Vapor Pres:96 MM
Spec Gravity:0.79
Viscosity:2.7 CST
Evaporation Rate & Reference:2.3 (N-BUTYL ACETATE=1)
Solubility in Water:100.OO
Appearance and Odor:MFR GAVE NO INFORMATION OF MSDS.

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

Stability Indicator/Materials to Avoid:YES
CAUSTICS, AMINES, ALKANOLAMINES,
ALDEHYDES, STRONG OXIDIZING AGENTS, &
CHLORINATED COMPOUNDS.
Hazardous Decomposition Products:NONE
Conditions to Avoid Polymerization:WILL NOT OCCUR.

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

Waste Disposal Methods:CONSULT AN EXPERT ON DISPOSAL OF RECOVERED
MATERIAL & ENSURE CONFORMITY TO LOCAL DISPOSAL REGULATIONS.

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