

EXXON COMPANY,U.S.A. -- ISOPROPYL ALCOHOL, ANHYDROUS -- 6810-01-190-2538

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Product Identification
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Product ID:ISOPROPYL ALCOHOL, ANHYDROUS

MSDS Date:09/15/1992

FSC:6810

NIIN:01-190-2538

MSDS Number: BXCPQ

=== Responsible Party ===

Company Name:EXXON COMPANY,U.S.A.

Box:2180

City:HOUSTON

State:TX

ZIP:77252-2180

Country:US

Info Phone Num:713-656-3424

Emergency Phone Num:713-656-3424

CAGE:EO

384

=== Contractor 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:EXXON COMPANY U.S.A.

Address:Box:2180

City:HOUSTON

State:TX

ZIP:77252-2180

Country:US

Phone:713-656-5949 / 713-656-3424

CAGE:29700

Company Name:EXXON COMPANY,U.S.A.

Address:800 BELL ST

Box:2180

City:HOUSTON

State:TX

ZIP:77252-2180

Country:US

Phone:713-870-6000

CAGE:EO384

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Ingred Name:NO INGREDIENT FOR THIS FORMULATION_INGREDIENT

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

LD50 LC50 Mixture:TLV: 400 PPM ISOPROPYL ALCOHOL

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

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

Health Hazards Acute and Chronic:EYE-IRRITATING, & WILL INJURE EYE

TISSUE IF NOT REMOVED. SKIN-FREQUENT OR PROLONGED CONTACT MAY IRRITATE & CAUSE DERM

ATITIS. INHALATION-HIGH VAPOR CONCENTRATIONS

ARE IRRITATING TO THE EYES & THE RESPIRATORY TRACT.

INGESTION-MINIMAL TOXICITY.

Explanation of Carcinogenicity:THIS CHEMICAL IS NOT LISTED AS HAVING ANY EVIDENCE OF BEING CARCINOGENIC.

Effects of Overexposure:INHALATION-MAY CAUSE HEADACHE AND DIZZINESS, ARE ANESTHETIC AND MAY HAVE OTHER CENTRAL NERVOUS SYSTEM EFFECTS.

INGESTION-SMALL AMOUNTS OF THE LIQUID ASPIRATED INTO THE RESPIRATORY SYSTEM DURING INGESTION, OR FROM VOMITIN

G, MAY CAUSE

BRONCHIOPNEUMONIA OR PULMONARY EDEMA.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:EYE-FLUSH WITH LARGE AMOUNTS OF WATER FOR AT LEAST 15 MIN.

GET PROMPT MEDICAL ATTENTION. SKIN-FLUSH WITH LARGE AMOUNTS OF WATER; USE SOPA IF AVAILABLE. REMOVE SOILED CLOTHING.

INHALATION-USING RESPIRATORY PROTECTION, IMMEDIATELY REMOVE VICTIM FROM EXPOSURE. ADMINISTER CPR IF BRE

ATHING HAS STOPPED. CALL FOR

PROMPT MEDICAL ATTENTION. INGESTION- DO NOT INDUCE VOMITING. KEEP AT REST. SEE PHYSICIAN.

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

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:USE WATER SPRAY TO COOL FIRE EXPOSED SURFACES & TO PROTECT PERSONNEL. SHUT OFF "FUEL" TO FIRE.

Fire Fighting Procedures:IF LEAK/SPILL HASN'T IGNITE

D, USE WATER SPRAY

TO DISPERSE VAPORS. ALLOW FIRE TO BURN UNDER CONTROLLED CONDITIONS OR EXTINGUISH WITH ALCOHOL TYPE FOAM/DRY CHEM.

Unusual Fire/Explosion Hazard:FLAMMABLE LIQUID, CAN RELEASE VAPORS THAT FORM FLAMMABLE MIXTURES AT TEMPERATURES AT OR ABOVE THE FLASHPOINT. TRY TO COVER LIQUID SPILLS WITH FOAM.

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

Spill Release Procedures:ELIMINATE SOURCES OF IGNITION. PREVENT ADDITIONAL DISCHARGE OF MATERIAL, IF POSSIBLE TO DO WITHOUT HAZARD.

FOR SMALL SPILLS IMPLEMENT CLEANUP PROCEDURES. VAPORS/DUST CAN BE HARMFUL/ FATAL. WARN OCCUPANTS OF DOWNWIND AREAS.

Neutralizing Agent:N/ASPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:STORAGE TEMPERATURE AMBIENT. USE PROPER GROUNDING PROCEDURES.

Other Precautions:DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND, OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS, STATIC

ELECTRICITY, OR OTHER SOURCES OF IGNITION. EXPLOSION HAZARD. EMPTY DRUMS SHOULD BE COMPLETELY DRAINED, BUNGED & DISPOSED OF.

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

Respiratory Protection:NIOSH/MSHA APPROVED RESPIRATORS MAY BE NECESSARY TO PREVENT OVEREXPOSURE BY INHALATION.

Ventilation:THE USE OF MECHANICAL DILUTION VENTILATION IS RECOMMENDED. USE EXPLOSION-PROOF VENTILATION EQUIPMENT.

Protective Gloves:CHEMICAL RESISTANT GLOVES

Eye P

rotection:WEAR SAFETY GLASSES WITH SIDE SHIELDS

Other Protective Equipment:FOR OPEN SYSTEMS WHERE CONTACT IS LIKELY, WEAR LONG SLEEVES, CHEMICAL RESISTANT GLOVES AND CHEMICAL GOGGLES.

Work Hygienic Practices:DO NOT EAT, DRINK, OR SMOKE IN WORK AREA.

Supplemental Safety and Health

WARNING: FLAMMABLE!

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

HCC:F2

Boiling Pt:B.P. Text:180-181F

Melt/Freeze Pt:M.P/F.P Text:-128F,-89C

Decomp Temp:Decomp Text:NOT GIVEN

Vapor Pres:96

MMHG

Vapor Density:>1.00

Spec Gravity:0.79

Viscosity:3 CST

Evaporation Rate & Reference:2.3 (N-BUTYL ACETATE = 1)

Solubility in Water:100.00% AT 68F

Appearance and Odor:CLEAR COLORLESS LIQUID.

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

Stability Indicator/Materials to Avoid:YES

CAUSTICS, AMINES, ALKANOLAMINES, ALDEHYDES, STRONG OXIDIZING AGENTS,
AND CHLORINATED COMPOUNDS.

Hazardous Decomposition Products:NONE SPECIFIED BY MANUFACTURER.

===== Di
sposal Considerations =====

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

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