

## **ISOPROPYL ALCOHOL, ANHYDROUS**

### **MSDS Number**

BXCPQ

### **National Stock Number**

6810-01-190-2538

### **Product Name**

ISOPROPYL ALCOHOL, ANHYDROUS

### **Manufacturer**

EXXON COMPANY U S A

### **Product Identification**

Product ID:ISOPROPYL ALCOHOL, ANHYDROUS

MSDS Date:09/15/1992

FSC:6810

NIIN:01-190-2538

MSDS Number: BXCPQ

### **Responsible Party**

EXXON COMPANY,U.S.A.

HOUSTON , TX 77252-2180

US

Emergency Phone: 713-656-3424

Info Phone: 713-656-3424

Cage: EO384

### **Contractor**

EXXON COMPANY,U.S.A.

2180

HOUSTON, TX 77252-2180

US

713-870-6000

Cage: EO384

### **Ingredients**

NO INGREDIENT FOR THIS FORMULATION\_INGREDIENT

### **Hazards**

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 DERMATITIS. INHALATION-HIGH VAPOR CONCENTRATIONS  
ARE IRRITATING TO THE EYES & THE RESPI RATORY 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 INGEST ION, OR FROM VOMITING, MAY CAUSE  
BRONCHIOPNEUMONIA OR PULMONARY EDEMA.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

### **First Aid**

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 BREATHING HAS STOPPED. CALL FOR PROMPT MEDICAL ATTENTION. INGESTION- DO NOT INDUCE VOMITING. KEEP AT REST. SEE PHYSICIAN.

## Fire Fighting

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 IGNITED, 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

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

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

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 Protection: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!

## 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

Stability Indicator/Materials to Avoid:YES  
CAUSTICS, AMINES, ALKANOLAMINES, ALDEHYDES, STRONG OXIDIZING AGENTS,

AND CHLORINATED COMPOUNDS.  
Hazardous Decomposition Products:NONE SPECIFIED BY MANUFACTURER.

## Disposal

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

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