

## **2-PROPANOL**

### **MSDS Number**

BFGTC

### **National Stock Number**

6810-00-586-6647

### **Product Name**

2-PROPANOL

### **Manufacturer**

GENERAL CHEMICAL CORP

### **Product Identification**

Product ID:2-PROPANOL

MSDS Date:09/01/1986

FSC:6810

NIIN:00-586-6647

MSDS Number: BFGTC

### **Responsible Party**

GENERAL CHEMICAL CORPORATION

CN 1829

MORRISTOWN , NJ 07960-1829

Emergency Phone: 201-455-3700

Info Phone: 201-455-5630

Cage: GENCH

### **Contractor**

GENERAL CHEMICAL CORP

2332R

CHINO, CA 07962-2332

US

714-591-8451

Cage: GENCH

### **Ingredients**

ISOPROPYL ALCOHOL (SARA III)

CAS: 67-63-0

RTECS: NT8050000

Fraction By Weight: 99.5%

OSHA PEL400 PPM/500 STEL

ACGIH TLV: 400 PPM/500STEL;9192

### **Hazards**

Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES

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

Health Hazards Acute and Chronic:ACUTE:INHALATION-IRRITATION OF MUCOUS MEMBRANE. INGESTION:NAUSEA,VOMITING,ABDOMINAL PAIN, CENTRAL NERVOUS SYSTEM DEPRESSION. SKIN:REPEATED EXPOSURE MAY CAUSE DERMATITIS.EYES:STINGING AND BURNING SENSATION. CHRONIC:NONE KNOWN.

Effects of Overexposure:CAN PRODUCE SEVERE CENTRAL NERVOUS SYSTEM DEPRESSION, COMA AND POSSIBLY FATAL RESPIRATORY FAILURE. TEMPORARY

DAMAGE TO THE MEMBRANOUS TISSUE COVERING THE CORNEA HAS BEEN OBSERVED AFTER PROLONGED CONTACT WITH LIQUID.

## First Aid

First Aid: INHALE: REMOVE TO FRESH AIR. IF BREATHING DIFFICULT, GET QUALIFIED PERSON TO ADMINISTER OXYGEN. CALL DR. INGEST: IF CONSCIOUS AND ALERT GIVE LARGE AMOUNTS OF WATER AND INDUCE VOMITING. CALL DR. EYES: FLUSH WITH WATER FOR 15 MIN. SEE DR. IF IRRITATION PERSISTS. SKIN: WASH THOROUGHLY WITH WATER AND REMOVE CONTAMINATED CLOTHING. WASH CLOTHING BEFORE REUSING.

## Fire Fighting

Flash Point: 53°F, 12°C (CC)  
Lower Limits: 2.0  
Upper Limits: 12.0  
Extinguishing Media: DRY CHEMICAL, "ALCOHOL" FOAM, OR CO<sub>2</sub>. WATER MAY BE INEFFECTIVE.  
Fire Fighting Procedures: SCBA, NIOSH-APPROVED, (E.G. CHEMICAL CARTRIDGE RESPIRATOR WITH ORGANIC VAPOR CARTRIDGE AND FULL FACEPIECE) KEEP FIRE-EXPOSED CONTAINER COOL, REDUCE VAPORS WITH H<sub>2</sub>O SPRAY.  
Unusual Fire/Explosion Hazard: FIRE MAY PRODUCE IRRITATING OR TOXIC GASES.

## Accidental Release

Spill Release Procedures: ELIMINATE IGNITION SOURCES. REMOVE UNPROTECTED PERSONS. STOP LEAK WITHOUT RISK. SMALL SPILL: ABSORB IMMEDIATELY, PLACE IN METAL CONTAINER AND SEAL. LARGE SPILL: USE H<sub>2</sub>O SPRAY TO KNOCK DOWN VAPORS/PROTECT MEN STOPPING LEAK /FLUSH SPILLS. DIKE, USE WATER TO DILUTE TO NONFLAMMABLE.

## Handling

Handling and Storage Precautions: KEEP AWAY FROM HEAT, OPEN FLAME OR OTHER HIGH TEMP SOURCES. AVOID CONTACT WITH SKIN, EYES AND CLOTHING; AVOID BREATHING VAPORS OR MIST.  
Other Precautions: PROTECT FROM PHYSICAL DAMAGE. STORE IN A COOL, DRY, WELL VENTILATED AREA AWAY FROM IGNITION SOURCES AND OTHER FIRE HAZARDS. 2-PROPANOL CORRODES MANY TYPES OF RUBBER; USE NEOPRENE EQUIPMENT.

## Exposure Controls

Respiratory Protection: NONE USUALLY IF HANDLING IS IN CLOSED VENTILATION. OTHERWISE, USE NIOSH-APPROVED ORGANIC VAPOR CARTRIDGE RESPIRATOR. IN EMERGENCY OR SPILL USE NIOSH-APPROVED SCBA.  
Ventilation: COMPLETE VENTILATED ENCLOSURE OF MATERIAL, E.G., AN EXHAUSTED HOOD OF EXPLOSION-PROOF CONSTRUCTION.  
Protective Gloves: RUBBER/NEOPRENE  
Eye Protection: CHEMICAL GOGGLES, NO CONTACT LENSES.  
Other Protective Equipment: PROTECTIVE CLOTHING (FULL WORK CLOTHING)  
Work Hygienic Practices: USE GOOD PERSONAL HYGIENE AND HOUSEKEEPING PRACTICES.  
Supplemental Safety and Health

## Chemical Properties

HCC: F2  
Boiling Pt: B.P. Text: 180°F, 82°C  
Melt/Freeze Pt: M.P/F.P Text: -127°F  
Vapor Pres: 33  
Vapor Density: 2.1  
Spec Gravity: 0.785  
pH: 7.0  
Evaporation Rate & Reference: 7.7 (ETHER=1)  
Solubility in Water: COMPLETE  
Appearance and Odor: COLORLESS LIQUID, SLIGHT ODOR, RESEMBLING A MIXTURE OF ACETONE AND ETHANOL.  
Percent Volatiles by Volume: 100

## Stability

Stability Indicator/Materials to Avoid: YES

STRONG OXIDANTS IN GENERAL

Hazardous Decomposition Products: NO STUDIES AVAILABLE, BUT CARBON MONOXIDE, CARBON DIOXIDE, AND POSSIBLY ALDEHYDES WOULD BE EXPECTED.

## **Disposal**

Waste Disposal Methods: DISPOSAL SUBJECT TO FEDERAL, STATE, LOCAL REGS. USERS SHOULD REVIEW OPERATIONS FOR COMPLIANCE, THEN CONSULT APPROPRIATE REGULATORY AGENCIES BEFORE DISPOSING OF WASTE MATERIAL.

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