

# MATERIAL SAFETY DATA SHEET

24- Emergency Phone Number: 800-424-9300

**Product: Isopropanol, 99%**

**Part Number: MF\_S\_IsoAlcohol**

**Distributed By:**

**Michigan Fiberglass Sales, Inc. Ph. 586-777-2032 Fax 586-777-0350**

## Section 1

CHEMICAL NAME: \_Isopropanol

**Part Number: MF\_S\_IsoAlcohol**

CHEMICAL SYNONYM: Iso Alcohol

CHEMICAL FAMILY: Alcohol

## Section 2

Typical Chemical and Physical Properties:

DENSITY *GR/ML* AT 20°C: 0.7913

MELTING POINT: F deg ( C deg) -144 (-976)

BOILING POINT AT 760 MM: F deg ( C deg) 148 (64.5)

VAPOR PRESSURE: MM HG 20°C: 96

VISCOSITY AT 20°C: 0.614 CPS

SOLUBILITY IN WATER: Miscible in all proportions with water

ODOR: Pure material has a slight alcoholic odor

## Section 3

### FIRE AND EXPLOSION HAZARDS

FLASH POINT: TAG CLOSED CUP F deg ( C deg) 54(12)

EXTINGUISHING MEDIA: Carbon Dioxide. Dry Chemical and Water Spray

SPECIAL FIRE FIGHTING PROCEDURE:

Fire Fighters must Use self-contained breathing apparatus.

## **Section 4**

### OCCUPATIONAL EXPOSURE LIMITS

THRESHOLD LIMIT VALUE: 200 ppm by volume

FLAMMABLE LIMITS:	Lower	Upper
	7.3	36

## **Section 5**

### EMERGENCY AND FIRST AID PROCEDURE

EYE CONTACT: Flush with water for 15 minutes

SKIN CONTACT: Remove contaminated clothing- and clean skin with soap and water.

INHALATION: Remove victim to fresh air and provide oxygen if breathing is difficult.

INGESTION: If swallowed, immediately give 1 to 2 glasses of water and call a physician.

## **Section 6**

### SPILL OR LEAK PROCEDURE

Shut off ignition sources and clean flammable methanol spills at once. Soak large spills into sand or vermiculite.

## **Section 7**

### SPECIAL PRECAUTION

Keep away from heat, sparks, and open flame.

Avoid breathing vapor where methanol is handled, processed or stored, and wash thoroughly after handling.

## **Section 8**

### TOXICITY DATA

#### ORAL TOXICITY (RATS)

(LD50) : 1800mg/kg Toxicity  
products and/or the components

#### DERMAL TOXICITY (SCU-MUS)

(LD50): 4100 mg/kg

#### INHALATION TOXICITY (RATS)

Not Established

## **Section 9**

### HEALTH INFORMATION

#### Toxic Effects From Inhalation

Inhalation of methanol vapor at high concentration may irritate the mucous membranes.

#### Effects of Skin Contact

Repeated or prolonged contact of Methanol liquid or vapor with the skin causes drying, brittleness, cracking and irritation.

Absorption from prolonged or massive skin contact can lead serious poisoning.

#### Effects of Eye Contact

High concentration of vapor, mist, or liquid contacting the eye surface are irritating and cause lacrimation and a burning sensation.

Notice: The information given in these sheets are accurate to the best of our knowledge and are in no way a guarantee.\*

