



MATERIAL SAFETY DATA SHEET

PRODUCT IDENTIFICATION

MOR-CURE

MSDS DATE : 4/20/2000

Hazard Rating		Scale
Toxicity	1	4=EXTREME
Fire	1	3=HIGH
Reactivity	0	2=MODERATE
Special	-	1=SLIGHT 0=INSIGNIFICANT

COMPONENT INFORMATION

No.

- 1 Proprietary mixture
- 2 Isopropanol
- 3 Water

CAS REG NO. AMT.(%)

None required
 67-63-0 Less than 15% vol. of water

EMERGENCY RESPONSE INFORMATION

FIRST AID PROCEDURES

The only part of this product that represents a problem is the Isopropanol.

INHALATION

Immediately move to fresh air. If breathing is difficult, give oxygen. Call a physician.

EYE CONTACT

Immediately flush eyes with plenty of clean running water for at least 15 minutes, lifting the upper and lower lids occasionally. If irritation persists consult a physician.

SKIN CONTACT

Flush skin with plenty of water-remove and wash clothing in hot soapy water. If irritation occurs, get medical attention..

INGESTION

Do NOT induce vomiting. Immediately drink a large quantity of milk or water and call a physician. Never give anything by mouth to an unconscious person.

FIRE FIGHTING INFORMATION

UNUSUAL HAZARDS

Vapors from this product may concentrate in a confined space and form an explosive mixture.

EXTINGUISHING AGENTS

Foam, carbon dioxide, dry chemicals and water fog or light spray.

PERSONAL PROTECTIVE EQUIPMENT

When fire fighting, wear full protective equipment including self-contained breathing apparatus.

SPILL OR LEAK HANDLING INFORMATION

PERSONAL PROTECTION

Rubber or synthetic gloves and boots, chemical goggles. Respirator not required unless level of Isopropanol exceeds 400ppm.

PROCEDURES

Remove all ignition sources and contain spilled liquid by using dry material to absorb. Floor may be slippery; use care to avoid falling. Transfer spilled material to suitable containers for recovery or disposal. Flush area with water to sewer.

CONTINUED



HAZARD INFORMATION

HEALTH EFFECTS FROM OVEREXPOSURE

The associated effects with Isopropanol are as follows:

PRIMARY ROUTES OF EXPOSURE

Inhalation. Skin Contact. Eye Contact.

INHALATION

Harmful if inhaled.

EYE CONTACT

Material can cause the following: Severe irritation.

SKIN CONTACT

Prolonged or repeated skin contact can cause the following: moderate skin irritation that may lead to dermatitis with possible CNS effects and nausea or vomiting.

INGESTION

Material is harmful if swallowed.

DELAYED EFFECTS

All effects should be observable in one to two days.

FIRE AND EXPLOSIVE PROPERTIES

Flash Point	Not Applicable
Lower explosive limit	Not Applicable
Upper explosive limit	Not Applicable

REACTIVITY INFORMATION

INSTABILITY

This material is considered stable.

HAZARDOUS DECOMPOSITION PRODUCTS

Above 200°C-decomposition starts which leads to evolution of carbon monoxide, carbon dioxide, acetaldehyde, crotonaldehyde, acetone.

HAZARDOUS POLYMERIZATION

None.

ACCIDENT PREVENTION INFORMATION

PERSONAL PROTECION MEASURES

RESPIRATORY PROTECTION

Non-required unless Isopropanol levels exceed OSHA limits.

EYE PROTECION

Use chemical splash goggles (ANSI Z87.1) or approved equivalent.

HAND PROTECTION

Rubber or synthetic gloves.

FACILITY CONTROL MEASURES

VENTILATION

Use local exhaust ventalation.

OTHER PROTECTIVE EQUIPMMENT

Facilities storing or utilizing this material should be equipped with an eyewash facility.

CONTINUED



Mortex Manufacturing Co., Inc.

1818 West Price Street

Tucson AZ 85705

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STORAGE AND HANDLING INFORMATION

STORAGE CONDITIONS

Cool, well-ventilated area away from sparks and open flame.

HANDLING PROCEDURES

Keep out of reach of children. Use with adequate ventilation. Keep container tightly closed when not in use. Wash with soap and water after handling. Wash out container before recycling or disposal may contain flammable vapor.

SUPPLEMENTAL INFORMATION

TYPICAL PHYSICAL PROPERTIES

Appearance	Free-flowing
Color	Clear
State	Liquid
Odor Characteristic	Alcohol
pH	N/A
Viscosity	Water
Solubility in water	100%
Percent Volatility	98% by wt.

TOXICITY

ACUTE DATA

The information shown in the HEALTH EFFECTS FROM OVEREXPOSURE section is based on the toxicity profiles for Isopropanol. This product is not manufactured to contain a known carcinogen or reproductive toxin.

WASTE DISPOSAL

PROCEDURE

Place in proper container for disposal at a landfill that complies with local, State and Federal regulations.

REGULATORY INFORMATION

WORKPLACE CLASSIFICATIONS

Only due to the extent that Isopropanol is present in vapor form can the product be considered hazardous because of its possible flammability.

TRANSPORTATION CLASSIFICATIONS

Not classified-not flammable liquid.

CHEMICAL CONTROL LAW STATUS

All components of this product are excluded from listing on the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

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ABBREVIATIONS:

ACGIH = American Conference of Governmental Industrial Hygienists
OSHA = Occupational Safety and Health Administration
TLV = Threshold Limit Value
PEL = Permissible Exposure Limit
TWA = Time Weighted Average exposure
STEL = Short-Term Exposure Limit
BAC = Butyl acetate

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