

Material Safety Data Sheet

Revision Date November 9, 2010	Prepared by Patti Rogers	Technical Information 1-800-201-8822 or support@mgchemicals.com
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Section 1: Product Identification

MSDS Code: 8328 - liquid **Name: Epoxy and Adhesive Cleaner**

Related Part Numbers: 8328-500ML

Use: For removing uncured epoxies and adhesives.

Section 2: Hazardous Ingredients

CAS#	Chemical Name	Percentage by weight	ACGIH TWA	Osha Pel	Osha Stel
97-64-3	Ethyl 2-hydroxy propionate	>99%	N/E	N/E	N/E

Section 3: Hazards Identification

Eyes:	Causes severe eye irritation.
Skin:	None known
Inhalation:	Possible narcotic effects at excessive concentrations.
Ingestion:	May cause irritation. Allowed as a flavor additive by FDA and FAO/WHO
Chronic:	None known

Section 4: First Aid Measure

Eyes:	Remove contact lenses. Flush with water or saline. Get medical aid.
Skin:	Rinse with soap and water.
Inhalation:	Immediately remove from exposure to fresh air. Get medical aid if symptoms persist.
Ingestion:	Do not induce vomiting. If conscious, give 1-2 glasses of water. Get medical aid.

Section 5: Fire Fighting Measures

Autoignition Temperature:	400°C/475°F	Flash Point:	63°C/145°F	LEL / UEL:	1.6/10.6
Extinguishing Media:	Use water spray, dry chemical, carbon dioxide, or chemical foam.				
General Information:	Will burn if involved in a fire.				

Section 6: Accidental Release Measures

Spill Procedure:	Remove all sources of ignition. Provide adequate ventilation. Wear appropriate personal protection. Sprinkle absorbent compound onto spill, then sweep into a plastic or metal container. Wipe up further residue with paper towel and place in container. Wash spill area with soap and water.
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Section 7: Handling and Storage

Handling:	Wash thoroughly after handling. Avoid contact with eyes, skin, and clothing. Do not ingest or inhale. Do not expose container to heat or flame.
Storage:	Keep away from sources of ignition. Store in a cool, dry, well-ventilated area, away from incompatible

substances.

Section 8: Exposure Controls**Routes of entry:** Eyes, ingestion, inhalation, and skin.**Ventilation:** Use adequate general or local exhaust ventilation to keep airborne concentrations below exposure limits.**Personal Protection:** Wear appropriate protective eyeglasses or chemical safety goggles. Wear appropriate protective clothing to prevent skin contact. Use a NIOSH approved respirator when necessary.**Section 9: Physical and Chemical Properties**

Physical State:	Liquid	Odor: Fruity	Solubility in water: Complete	Evaporation Rate: 0.22 (Butyl Acetate=1)	
Boiling Point:	154°C	Specific Gravity: 1.03 @25°C	Vapor Pressure: 1.7 hhmg @20°C	Vapor Density: 4.07 (Air=1)	pH: 4

Section 10: Stability and Reactivity**Stability:** Stable at normal temperatures and pressures.**Conditions to avoid:** Temperatures over 40°C, ignition sources, and incompatible substances.**Incompatibilities:** Strong oxidizing agents.**Polymerization:** Will not occur.**Decomposition:** Carbon monoxide, carbon dioxide.**Section 11: Toxicological Information****Sensitization:** (effects of repeated exposure) Not known to.**Carcinogenicity:** (risk of cancer) The ingredients of this product are not classified as being carcinogenic by ACGIH (American Conference of Governmental industrial Hygienists) or IARC (International Agency for Research on Cancer), not regulated as carcinogens by OSHA (Occupational Safety and Health Administration), and not listed as carcinogens by NTP (National Toxicology Program)**Teratogenicity:** (risk of malformation in an unborn fetus) No**Reproductive Toxicity:** (risk of sterility) No**Mutagenicity:** (risk of heritable genetic effects) No

Lethal Exposure Concentrations:	Ingestion (LD50):	Inhalation (LC50):	Skin (LD50):	Inhalation (TCLo):
Ethyl 2-hydroxy propionate	>2000 mg/kg Rat	N/E	>5 gm/kg Rabbit	N/E

Section 12: Ecological Information**General Information:****Volatile Organic compounds, % by weight:** 100%**Volatile Organic compounds, grams per litre:** 906 g/L**Section 13: Disposal Information****General Information:** Dispose of in accordance with all local, provincial, state, and federal regulations. Water runoff can cause environmental damage.**Section 14: Transportation Information****Ground Canada:**

Classified as **Consumer Commodity**.
 Refer to **TDG Regulations** (Canadian Transportation of Dangerous Goods regulations).

Ground USA:

Classified as **ORM-D**.
 Refer to **CFR 49 Regulations**.

Air - All sizes:

Shipper must be trained and certified. Refer to IATA Dangerous Goods Regulations.
 Shipping Name: **Ethyl Lactate**, UN number: **1192**, Class: **3**, Packing Group: **III**, Flash Point: 63°C.

Sea - All Sizes:

Shipper must be trained and certified. Refer to IMDG regulations.
 Shipping Name: **Ethyl Lactate**, UN number: **1192**, Class: **3**, Packing Group: **III**, Flash Point: 63°C.

Section 15: Regulatory Information

CANADA

This product has been classified in accordance with the hazard criteria of the **Controlled Products Regulations** and the **MSDS** contains all of the information required by the **Controlled Products Regulations**.

DSL

All ingredients in this product are listed on the Domestic Substances List

WHMIS

This product belongs to the following categories: **B3, D2B**

Industry and Science Canada

MG Labels products intended for the workplace to conform to WHMIS labeling regulations. Product identification, net quantity declaration, minimum printing type size heights, and packaging of this product are in compliance.

Health Canada

Products produced by MG Chemicals intended for retail display conform to the Canadian Consumer Labeling Regulations.

USA

CAA (Clean Air Act, USA)

This product does not contain any class 1 ozone depleting substances.
 This product does not contain any class 2 ozone depleting substances.
 This product does not contain any chemicals listed as hazardous air pollutants.

SARA (Superfund Amendments and Reauthorization Act of 1986, USA, 40 CFR 372.4)

None of the chemicals in this product have a reportable quantity.

EPCRA (Emergency Planning and Right to Know Act, USA, 40 CFR 372.45)

This product does not contain any chemicals subject to the reporting requirements of section 313 Title III of the SARA of 1986 and 40 CFR part 372.

TSCA (Toxic Substances Control Act of 1976, USA)

All substances are TSCA listed.

USA

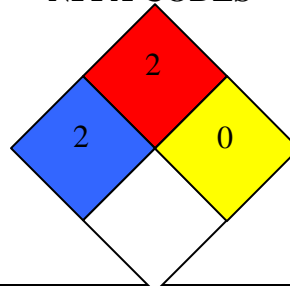
California Proposition 65 (Chemicals know to cause cancer or reproductive toxicity, May 1, 1997 revision, USA)

This product does not contain any chemicals listed.

HMIS RATING

HEALTH:	2
FLAMMABILITY:	2
PHYSICAL HAZARD:	0
PERSONAL PROTECTION:	

NFPA CODES





EUROPE

RoHS

This product does not contain any lead, cadmium, mercury, hexavalent chromium, PBB's, or PBDE's, and complies with European RoHS regulations.

WEEE

This product is not a piece of electrical or electronics equipment, and is therefore not governed by this regulation.

Section 16: Other Information

Definitions: N/A = not applicable, N/E = not established

Disclaimer: This material safety data sheet is provided as an information resource only. M.G. Chemicals believes the information contained herein is accurate and compiled from reliable sources. It is the responsibility of the user to verify its validity. The buyer assumes all responsibility of using and handling the product in accordance with federal, state, and local regulations.