



## SAFETY DATA SHEET

### EPX UNCURED EPOXY CLEANER - BULK

According to Appendix D, OSHA Hazard Communication Standard 29 CFR §1910.1200

#### 1. Identification

##### Product identifier

**Product name** EPX UNCURED EPOXY CLEANER - BULK

**Product number** MCC-EPXL, MCC-EPXG, MCC-EPXP, MCC-EPXD, MCC-EPXGL, MCC-EPXGG

**Synonyms; trade names** "EPX- ExPOXY SOLVENT, BULK

##### Recommended use of the chemical and restrictions on use

**Application** Cleaning agent.

##### Details of the supplier of the safety data sheet

**Supplier** MICROCARE CORPORATION

**Manufacturer** MICROCARE CORPORATION  
595 John Downey Drive  
New Britain, CT 06051  
United States of America  
CAGE: OATV9  
Tel: + 1 800 638 0125, +1 860-827-0626  
Fax: +1 860-827-8105  
techsupport@microcare.com

##### Emergency telephone number

**Emergency telephone** CHEMTREC 1-800-424-9300 (within the U.S.)  
+1 703-741-5970 (from anywhere in the world)

#### 2. Hazard(s) identification

##### Classification of the substance or mixture

**OSHA Regulatory Status** This Product is Hazardous under the OSHA Hazard Communication Standard.

**Physical hazards** Flam. Liq. 3 - H226

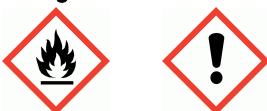
**Health hazards** Skin Irrit. 2 - H315 Eye Irrit. 2A - H319 STOT SE 3 - H336

**Environmental hazards** Not Classified

**Physicochemical** The product is flammable. Vapors may form explosive mixtures with air. Vapors are heavier than air and may travel along the floor and accumulate in the bottom of containers.

##### Label elements

##### Pictogram



**Signal word** Warning

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<b>Hazard statements</b>	H226 Flammable liquid and vapor. H315 Causes skin irritation. H319 Causes serious eye irritation. H336 May cause drowsiness or dizziness.
<b>Precautionary statements</b>	P210 Keep away from heat, sparks, open flames and hot surfaces. No smoking. P240 Ground/ bond container and receiving equipment. P241 Use explosion-proof electrical equipment. P242 Use only non-sparking tools. P243 Take precautionary measures against static discharge. P261 Avoid breathing vapor/ spray. P280 Wear protective gloves/ protective clothing/ eye protection/ face protection. P302+P352 If on skin: Wash with plenty of water. P332+P313 If skin irritation occurs: Get medical advice/ attention. P370+P378 In case of fire: Use foam, carbon dioxide, dry powder or water fog to extinguish. P314 Get medical advice/ attention if you feel unwell. P403+P233 Store in a well-ventilated place. Keep container tightly closed. P501 Dispose of contents/ container in accordance with national regulations.
<b>Supplemental label information</b>	Safety data sheet available on request. For use in industrial installations only.
<b>Contains</b>	1-ETHOXYPROPAN-2-OL, 1-METHOXY-2-PROPANOL

### Other hazards

This substance is not classified as PBT or vPvB according to current EU criteria.

### 3. Composition/information on ingredients

#### Mixtures

<b>1-propoxypropan-2-ol</b>	<b>30-60%</b>
CAS number: 1569-01-3	
<b>Classification</b>	
Flam. Liq. 3 - H226 Skin Irrit. 2 - H315 Eye Irrit. 2A - H319	
<b>1-ETHOXYPROPAN-2-OL</b>	<b>30-60%</b>
CAS number: 1569-02-4	
<b>Classification</b>	
Flam. Liq. 3 - H226 STOT SE 3 - H336	
<b>1-METHOXY-2-PROPANOL</b>	<b>10-30%</b>
CAS number: 107-98-2	
<b>Classification</b>	
Flam. Liq. 3 - H226 STOT SE 3 - H336	

The full text for all hazard statements is displayed in Section 16.

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**Composition comments** TSCA: The ingredients of this product are on the TSCA Inventory. The exact percentage (concentration) of composition has been withheld as a trade secret in accordance with paragraph (i) of CFR 1900.1200 TSCA: The ingredients of this product are on the TSCA Inventory.

### Composition

#### 4. First-aid measures

##### Description of first aid measures

**General information** Move affected person to fresh air at once. Get medical attention if any discomfort continues.

**Inhalation** Move affected person to fresh air at once. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen. Keep affected person warm and at rest. Get medical attention immediately.

**Ingestion** Due to the physical nature of this material it is unlikely that swallowing will occur. Do not induce vomiting. Rinse mouth thoroughly with water. Give plenty of water to drink. Never give anything by mouth to an unconscious person. Consult a physician for specific advice.

**Skin Contact** Wash skin thoroughly with soap and water. Get medical attention if any discomfort continues.

**Eye contact** Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

##### Most important symptoms and effects, both acute and delayed

**General information** The severity of the symptoms described will vary dependent on the concentration and the length of exposure.

**Inhalation** Vapours may cause drowsiness and dizziness. Headache. Irritation of nose, throat and airway.

**Ingestion** Due to the physical nature of this material it is unlikely that swallowing will occur. Ingestion of large amounts may cause unconsciousness. May cause nausea, headache, dizziness and intoxication.

**Skin contact** Prolonged or repeated contact with skin may cause irritation, redness and dermatitis. May cause skin irritation/eczema.

**Eye contact** May cause temporary eye irritation. Irritating to eyes. Symptoms following overexposure may include the following: Redness. Pain.

##### Indication of immediate medical attention and special treatment needed

**Notes for the doctor** No specific recommendations. If in doubt, get medical attention promptly.

#### 5. Fire-fighting measures

##### Extinguishing media

**Suitable extinguishing media** Extinguish with the following media: Powder. Dry chemicals, sand, dolomite etc. Water spray, fog or mist.

**Unsuitable extinguishing media** Do not use water jet as an extinguisher, as this will spread the fire.

##### Special hazards arising from the substance or mixture

**Specific hazards** Combustible Liquid. Materials such as cleaning rags and paper wipes that are contaminated with flammable liquids may self-ignite after use and should be stored in designated fireproof containers with tight-fitting, self-closing lids.

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**Hazardous combustion products** Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapors. Oxides of carbon.

### Advice for firefighters

**Protective actions during firefighting** Containers close to fire should be removed or cooled with water. Use water to keep fire exposed containers cool and disperse vapors.

**Special protective equipment for firefighters** Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

## 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

**Personal precautions** Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate. No smoking, sparks, flames or other sources of ignition near spillage. Provide adequate ventilation.

### Environmental precautions

**Environmental precautions** Avoid release to the environment. Do not discharge into drains or watercourses or onto the ground. Contain spillage with sand, earth or other suitable non-combustible material.

### Methods and material for containment and cleaning up

**Methods for cleaning up** Warn everybody of potential hazards and evacuate if necessary. If leakage cannot be stopped, evacuate area. Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate. Eliminate all sources of ignition. No smoking, sparks, flames or other sources of ignition near spillage. Provide adequate ventilation. Contain and absorb spillage with sand, earth or other non-combustible material. Collect and place in suitable waste disposal containers and seal securely.

**Reference to other sections** For personal protection, see Section 8. See Section 11 for additional information on health hazards.

## 7. Handling and storage

### Precautions for safe handling

**Usage precautions** Do not eat, drink or smoke when using the product. Keep away from heat, sparks and open flame. Avoid spilling. Avoid contact with skin and eyes. Provide adequate ventilation. Avoid inhalation of vapors. Use approved respirator if air contamination is above an acceptable level.

### Conditions for safe storage, including any incompatibilities

**Storage precautions** Store in tightly-closed, original container in a dry, cool and well-ventilated place. Keep container tightly closed. Keep away from heat, sparks and open flame.

### Specific end uses(s)

**Specific end use(s)** The identified uses for this product are detailed in Section 1.

**Reference to other sections.** Store away from incompatible materials (see Section 10).

## 8. Exposure Controls/personal protection

### Control parameters

### Occupational exposure limits

1-METHOXY-2-PROPANOL

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Long-term exposure limit (8-hour TWA): ACGIH 50 ppm 184 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): ACGIH 100 ppm 369 mg/m<sup>3</sup>

A4

ACGIH = American Conference of Governmental Industrial Hygienists.

A4 = Not Classifiable as a Human Carcinogen.

### Additional Occupational Exposure Limits

**Ingredient comments** WEL = Workplace Exposure Limits

### Exposure controls

#### Protective equipment



#### Appropriate engineering controls

Provide adequate general and local exhaust ventilation. Avoid heat, flames and other sources of ignition.

#### Eye/face protection

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. Unless the assessment indicates a higher degree of protection is required, the following protection should be worn: Tight-fitting safety glasses.

#### Hand protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. It is recommended that gloves are made of the following material: Nitrile rubber. Polyvinyl alcohol (PVA). Viton rubber (fluoro rubber). It should be noted that liquid may penetrate the gloves. Frequent changes are recommended.

#### Other skin and body protection

Neutral

#### Hygiene measures

Do not smoke in work area. Wash at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. When using do not eat, drink or smoke.

#### Respiratory protection

No specific recommendations. Respiratory protection must be used if the airborne contamination exceeds the recommended occupational exposure limit.

## 9. Physical and Chemical Properties

### Information on basic physical and chemical properties

<b>Appearance</b>	Clear liquid.
<b>Color</b>	Colorless.
<b>Odor</b>	Mild. Alcoholic.
<b>Odor threshold</b>	No information available.
<b>pH</b>	No information available.
<b>Melting point</b>	No information available.
<b>Initial boiling point and range</b>	120 - 150°C/248 - 302°F @ 101.3 kPa
<b>Flash point</b>	41°C/106°F Tag closed cup.
<b>Evaporation rate</b>	No information available.

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<b>Evaporation factor</b>	No information available.
<b>Upper/lower flammability or explosive limits</b>	Lower flammable/explosive limit: N/A Upper flammable/explosive limit: N/A
<b>Vapor pressure</b>	0.62 kPa @ 20°C
<b>Vapor density</b>	4.0
<b>Relative density</b>	No information available.
<b>Bulk density</b>	No information available.
<b>Solubility(ies)</b>	Soluble in water.
<b>Partition coefficient</b>	No information available.
<b>Auto-ignition temperature</b>	No information available.
<b>Decomposition Temperature</b>	No information available.
<b>Viscosity</b>	No information available.
<b>Oxidizing properties</b>	There are no chemical groups present in the product that are associated with oxidizing properties.
<b>Refractive index</b>	No information available.
<b>Particle size</b>	Not applicable.
<b>Molecular weight</b>	No information available.
<b>Volatility</b>	100%
<b>Saturation concentration</b>	No information available.
<b>Critical temperature</b>	No information available.
<b>Volatile organic compound</b>	This product contains a maximum VOC content of 860 g/l.

### 10. Stability and reactivity

<b>Reactivity</b>	There are no known reactivity hazards associated with this product.
<b>Stability</b>	Stable at normal ambient temperatures.
<b>Possibility of hazardous reactions</b>	Will not polymerize.
<b>Conditions to avoid</b>	Avoid heat, flames and other sources of ignition. Avoid contact with the following materials: Strong oxidizing agents. Strong alkalis. Strong mineral acids.
<b>Materials to avoid</b>	Strong oxidizing agents.
<b>Hazardous decomposition products</b>	Fire creates: Vapors/gases/fumes of: Carbon monoxide (CO). Carbon dioxide (CO <sub>2</sub> ).

### 11. Toxicological information

#### Information on toxicological effects

<b>Other health effects</b>	There is no evidence that the product can cause cancer.
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<b>Inhalation</b>	May cause respiratory system irritation. Vapors may cause headache, fatigue, dizziness and nausea. Prolonged inhalation of high concentrations may damage respiratory system.
<b>Ingestion</b>	Not considered to be a significant hazard due to the small quantities used.
<b>Skin Contact</b>	Product has a defatting effect on skin. May cause skin irritation/eczema.
<b>Eye contact</b>	Irritating to eyes. Liquid, aerosols and vapors of this product are irritating and can cause pain, tearing, reddening and swelling accompanied by a stinging sensation and/or a feeling like that of fine dust in the eyes.
<b>Acute and chronic health hazards</b>	Keep out of the reach of children.

### 12. Ecological Information

<b>Ecotoxicity</b>	There are no data on the ecotoxicity of this product.
<b>Toxicity</b>	Not considered toxic to fish.
<b><u>Persistence and degradability</u></b>	
<b>Persistence and degradability</b>	There are no data on the degradability of this product.
<b><u>Bioaccumulative potential</u></b>	
<b>Bio-Accumulative Potential</b>	No data available on bioaccumulation.
<b>Partition coefficient</b>	No information available.
<b><u>Mobility in soil</u></b>	
<b>Mobility</b>	The product is soluble in water.
<b><u>Other adverse effects</u></b>	
<b>Other adverse effects</b>	The product contains volatile organic compounds (VOCs) which have a photochemical ozone creation potential.

### 13. Disposal considerations

#### Waste treatment methods

<b>General information</b>	When handling waste, the safety precautions applying to handling of the product should be considered. Waste is classified as hazardous waste. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. Materials such as cleaning rags and paper wipes that are contaminated with flammable liquids may self-ignite after use and should be stored in designated fireproof containers with tight-fitting, self-closing lids. Reuse or recycle products wherever possible.
<b>Disposal methods</b>	Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

### 14. Transport information

<b>General</b>	Requirements for marking and labeling of package varies depending on mode of transport. If uncertain of proper markings and labeling, call MicroCare for assistance.
<b>Road transport notes</b>	Exception Applies: LIQUID CLEANING COMPOUND N.O.S. NOT D.O.T REGULATED PER 49 CFR 173.150 (f)
<b>DOT transport notes</b>	This product is not regulated for road transportation in accordance with 49 CFR Exceptions.
<b><u>UN Number</u></b>	

**EPX UNCURED EPOXY CLEANER - BULK**

UN No. (IMDG) 1993

UN No. (ICAO) 1993

**UN proper shipping name****Proper shipping name (TDG)** Not DOT Regulated Per 49 CFR 173.150 (f)**Proper shipping name (IMDG)** UN1993, FLAMMABLE LIQUID, N.O.S. (1-propoxy-2-propanol), 3, PGIII**Proper shipping name (ICAO)** UN1993, FLAMMABLE LIQUID, N.O.S. (1-propoxy-2-propanol), 3, PGIII**Proper shipping name (DOT)** Not DOT Regulated Per 49 CFR 173.150 (f)**Transport hazard class(es)**

TDG class 3

TDG label(s) 3

IMDG Class 3

**Packing group**

TDG Packing Group III

IMDG packing group III

DOT packing group III

**Environmental hazards****Environmentally Hazardous Substance**

No.

**Special precautions for user**

EmS F-E, S-D

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** Not applicable. No information required.

**15. Regulatory information****US Federal Regulations****SARA Section 302 Extremely Hazardous Substances Tier II Threshold Planning Quantities**

Not listed.

**CERCLA/Superfund, Hazardous Substances/Reportable Quantities (EPA)**

Not listed.

**SARA Extremely Hazardous Substances EPCRA Reportable Quantities**

Not listed.

**SARA 313 Emission Reporting**

Not listed.

**CAA Accidental Release Prevention**

Not listed.

## EPX UNCURED EPOXY CLEANER - BULK

### SARA (311/312) Hazard Categories

Acute  
Chronic  
Fire

### OSHA Highly Hazardous Chemicals

Not listed.

### US State Regulations

#### California Proposition 65 Carcinogens and Reproductive Toxins

Not listed.

#### California Air Toxics "Hot Spots" (A-I)

*1-METHOXY-2-PROPANOL*

Present.

#### California Air Toxics "Hot Spots" (A-II)

Not listed.

#### California Directors List of Hazardous Substances

Not listed.

#### Massachusetts "Right To Know" List

*1-METHOXY-2-PROPANOL*

Present.

#### Rhode Island "Right To Know" List

*1-METHOXY-2-PROPANOL*

Present.

#### Minnesota "Right To Know" List

*1-METHOXY-2-PROPANOL*

Present.

#### New Jersey "Right To Know" List

*1-METHOXY-2-PROPANOL*

Present.

#### Pennsylvania "Right To Know" List

*1-METHOXY-2-PROPANOL*

Present.

### Inventories

#### US - TSCA

Yes

*1-propoxypropan-2-ol*

Present.

*1-METHOXY-2-PROPANOL*

Present.

### 16. Other information

## EPX UNCURED EPOXY CLEANER - BULK

<b>Revision comments</b>	NOTE: Lines within the margin indicate significant changes from the previous revision.
<b>Revision date</b>	5/1/2018
<b>Revision</b>	23
<b>Supersedes date</b>	11/14/2017
<b>SDS No.</b>	BULK - EPX
<b>SDS status</b>	Approved.
<b>Hazard statements in full</b>	H226 Flammable liquid and vapor. H315 Causes skin irritation. H319 Causes serious eye irritation. H336 May cause drowsiness or dizziness.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.