



## 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.

**Uses advised against** No specific uses advised against are identified.

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

**Supplier** MICROCARE LLC

**Manufacturer** MICROCARE LLC  
595 John Downey Drive  
New Britain, CT 06051  
United States of America  
CAGE: OATV9  
Tel: + 1 800 638 0125, +1 860-827-0626  
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

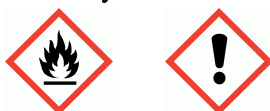
**Health hazards** Skin Irrit. 2 - H315 Eye Irrit. 2A - H319 STOT SE 3 - H336

**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

##### Hazard symbols



**Signal word** Warning

## EPX UNCURED EPOXY CLEANER - BULK

<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. P314 Get medical advice/ attention if you feel unwell. 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. 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 product does not contain any substances classified as PBT or vPvB.

### 3. Composition/information on ingredients

#### Mixtures

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

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

## EPX UNCURED EPOXY CLEANER - BULK

**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

### Composition

#### 4. First-aid measures

##### Description of first aid measures

<b>General information</b>	Get medical attention if any discomfort continues. Show this Safety Data Sheet to the medical personnel.
<b>Inhalation</b>	Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Maintain an open airway. Loosen tight clothing such as collar, tie or belt. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen. Get medical attention. Place unconscious person on their side in the recovery position and ensure breathing can take place.
<b>Ingestion</b>	Rinse mouth thoroughly with water. Give a few small glasses of water or milk to drink. Stop if the affected person feels sick as vomiting may be dangerous. Never give anything by mouth to an unconscious person. Place unconscious person on their side in the recovery position and ensure breathing can take place. Keep affected person under observation. Get medical attention if symptoms are severe or persist.
<b>Skin Contact</b>	Rinse with water.
<b>Eye contact</b>	Rinse with water. Do not rub eye. Remove any contact lenses and open eyelids wide apart. Get medical attention if any discomfort continues.
<b>Protection of first aiders</b>	First aid personnel should wear appropriate protective equipment during any rescue.

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

<b>General information</b>	The severity of the symptoms described will vary dependent on the concentration and the length of exposure.
<b>Inhalation</b>	A single exposure may cause the following adverse effects: Pain or irritation. Intoxication. Narcotic effect. Muscle weakness. Nausea, vomiting.
<b>Ingestion</b>	A single exposure may cause the following adverse effects: Intoxication. Nausea, vomiting. May cause drowsiness or dizziness. Central nervous system depression. May cause severe internal injury.
<b>Skin contact</b>	A single exposure may cause the following adverse effects: Pain.
<b>Eye contact</b>	Irritating to eyes.

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

<b>Notes for the doctor</b>	Treat symptomatically.
-----------------------------	------------------------

#### 5. Fire-fighting measures

##### Extinguishing media

<b>Suitable extinguishing media</b>	The product is flammable. Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog. Use fire-extinguishing media suitable for the surrounding fire.
<b>Unsuitable extinguishing media</b>	Do not use water jet as an extinguisher, as this will spread the fire.

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

## EPX UNCURED EPOXY CLEANER - BULK

<b>Specific hazards</b>	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.
<b>Hazardous combustion products</b>	Thermal decomposition or combustion products may include the following substances: Harmful gases or vapors.
<b>Advice for firefighters</b>	
<b>Protective actions during firefighting</b>	Avoid breathing fire gases or vapors. Evacuate area. Keep upwind to avoid inhalation of gases, vapors, fumes and smoke. Ventilate closed spaces before entering them. Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk. Cool containers exposed to flames with water until well after the fire is out. If a leak or spill has not ignited, use water spray to disperse vapors and protect men stopping the leak. Control run-off water by containing and keeping it out of sewers and watercourses. If risk of water pollution occurs, notify appropriate authorities.
<b>Special protective equipment for firefighters</b>	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. Standard Firefighter's clothing including helmets, protective boots and gloves will provide a basic level of protection for chemical incidents.

### 6. Accidental release measures

#### Personal precautions, protective equipment and emergency procedures

<b>Personal precautions</b>	Wear protective clothing as described in Section 8 of this safety data sheet. No action shall be taken without appropriate training or involving any personal risk. Do not touch or walk into spilled material. Evacuate area. Provide adequate ventilation. No smoking, sparks, flames or other sources of ignition near spillage. Promptly remove any clothing that becomes contaminated. Avoid inhalation of vapors and spray/mists. Use suitable respiratory protection if ventilation is inadequate.
-----------------------------	---

#### Environmental precautions

<b>Environmental precautions</b>	Avoid discharge into drains or watercourses or onto the ground.
----------------------------------	---

#### Methods and material for containment and cleaning up

<b>Methods for cleaning up</b>	Wear protective clothing as described in Section 8 of this safety data sheet. Clear up spills immediately and dispose of waste safely. Eliminate all ignition sources if safe to do so. No smoking, sparks, flames or other sources of ignition near spillage. Do not allow material to enter confined spaces, due to the risk of explosion. Absorb small quantities with paper towels and evaporate in a safe place. Once evaporation is complete, place paper in a suitable waste disposal container and seal securely. Large Spillages: If the product is soluble in water, dilute the spillage with water and mop it up. Alternatively, or if it is not water-soluble, absorb the spillage with an inert, dry material and place it in a suitable waste disposal container. The contaminated absorbent may pose the same hazard as the spilled material. Label the containers containing waste and contaminated materials and remove from the area as soon as possible. Flush contaminated area with plenty of water. Wash thoroughly after dealing with a spillage. For waste disposal, see Section 13.
--------------------------------	--

<b>Reference to other sections</b>	For personal protection, see Section 8. See Section 11 for additional information on health hazards. See Section 12 for additional information on ecological hazards. For waste disposal, see Section 13.
------------------------------------	---

### 7. Handling and storage

#### Precautions for safe handling

## EPX UNCURED EPOXY CLEANER - BULK

### Usage precautions

Read and follow manufacturer's recommendations. Wear protective clothing as described in Section 8 of this safety data sheet. Keep away from food, drink and animal feeding stuffs. Handle all packages and containers carefully to minimize spills. Keep container tightly sealed when not in use. Avoid the formation of mists. The product is flammable. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not handle until all safety precautions have been read and understood. Do not handle broken packages without protective equipment. Do not reuse empty containers.

### Advice on general occupational hygiene

Wash promptly if skin becomes contaminated. Take off contaminated clothing and wash before reuse. Wash contaminated clothing before reuse.

### Conditions for safe storage, including any incompatibilities

#### Storage precautions

Store away from incompatible materials (see Section 10). Keep away from oxidizing materials, heat and flames. Keep only in the original container. Keep container tightly closed, in a cool, well ventilated place. Keep containers upright. Protect containers from damage.

#### Storage class

Flammable liquid storage.

### 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

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.

### Exposure controls

#### Protective equipment



#### Appropriate engineering controls

Provide adequate general and local exhaust ventilation. Ensure the ventilation system is regularly maintained and tested. Good general ventilation should be adequate to control worker exposure to airborne contaminants. Observe any occupational exposure limits for the product or ingredients.

#### Eye/face protection

Wear tight-fitting, chemical splash goggles or face shield. If inhalation hazards exist, a full-face respirator may be required instead.

#### Hand protection

No specific hand protection recommended.

#### Other skin and body protection

Neutral

#### Hygiene measures

Wash after use and before eating, smoking and using the toilet. Do not eat, drink or smoke when using this product.

## EPX UNCURED EPOXY CLEANER - BULK

<b>Respiratory protection</b>	Ensure all respiratory protective equipment is suitable for its intended use and is NIOSH approved. Check that the respirator fits tightly and the filter is changed regularly. Gas and combination filter cartridges should comply with OSHA 1910.134. Full face mask respirators with replaceable filter cartridges should comply with OSHA 1910.134. Half mask and quarter mask respirators with replaceable filter cartridges should comply with OSHA 1910.134.
<b>Environmental exposure controls</b>	Keep container tightly sealed when not in use. Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

### 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.
<b>Evaporation factor</b>	No information available.
<b>Flammability (solid, gas)</b>	Not applicable.
<b>Upper/lower flammability or explosive limits</b>	Lower flammable/explosive limit: N/A Upper flammable/explosive limit: N/A
<b>Other flammability</b>	No information available.
<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>Explosive properties</b>	The product is highly flammable. Vapors may form explosive mixtures with air.
<b>Oxidizing properties</b>	There are no chemical groups present in the product that are associated with oxidizing properties.
<b>Global Warming Potential (GWP)</b>	

## EPX UNCURED EPOXY CLEANER - BULK

### Surface tension

**Refractive index** No information available.

**Particle size** Not applicable.

**Molecular weight** No information available.

**Volatility** 100%

**Saturation concentration** No information available.

**Critical temperature** No information available.

**Volatile organic compound** This product contains a maximum VOC content of 860 g/l. This product contains a maximum VOC content of 60 %.

**Heat of vaporization (at boiling point), cal/g (Btu/lb)**

### 10. Stability and reactivity

**Reactivity** See the other subsections of this section for further details.

**Stability** Stable at normal ambient temperatures and when used as recommended. Stable under the prescribed storage conditions.

**Possibility of hazardous reactions** The following materials may react strongly with the product: Oxidizing agents.

**Conditions to avoid** Avoid heat, flames and other sources of ignition. Containers can burst violently or explode when heated, due to excessive pressure build-up. Static electricity and formation of sparks must be prevented.

**Materials to avoid** Oxidizing materials. Acids - oxidizing.

**Hazardous decomposition products** Does not decompose when used and stored as recommended. Thermal decomposition or combustion products may include the following substances: Harmful gases or vapors.

### 11. Toxicological information

#### Information on toxicological effects

#### Acute toxicity - oral

**Notes (oral LD<sub>50</sub>)** Based on available data the classification criteria are not met.

#### Acute toxicity - dermal

**Notes (dermal LD<sub>50</sub>)** Based on available data the classification criteria are not met.

#### Acute toxicity - inhalation

**Notes (inhalation LC<sub>50</sub>)** Based on available data the classification criteria are not met.

#### Skin corrosion/irritation

**Animal data** Based on available data the classification criteria are not met.

#### Serious eye damage/irritation

**Serious eye damage/irritation** Causes serious eye irritation.

#### Respiratory sensitization

**Respiratory sensitization** Based on available data the classification criteria are not met.

## EPX UNCURED EPOXY CLEANER - BULK

### Skin sensitization

**Skin sensitization** Based on available data the classification criteria are not met.

### Germ cell mutagenicity

**Genotoxicity - in vitro** Based on available data the classification criteria are not met.

### Carcinogenicity

**Carcinogenicity** Based on available data the classification criteria are not met.

### **IARC carcinogenicity**

Contains a substance/a group of substances which may cause cancer. IARC Group 1  
Carcinogenic to humans.

### Reproductive toxicity

**Reproductive toxicity - fertility** Based on available data the classification criteria are not met.

**Reproductive toxicity - development** Based on available data the classification criteria are not met.

### Specific target organ toxicity - single exposure

**STOT - single exposure** STOT SE 3 - H336 May cause drowsiness or dizziness. STOT SE 2 - H371 May cause damage to organs .

**Target organs** Central nervous system

### Specific target organ toxicity - repeated exposure

**STOT - repeated exposure** Not classified as a specific target organ toxicant after repeated exposure.

### Aspiration hazard

**Aspiration hazard** Based on available data the classification criteria are not met.

### **General information**

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

### **Inhalation**

A single exposure may cause the following adverse effects: Pain or irritation. Intoxication. Narcotic effect. Muscle weakness. Nausea, vomiting.

### **Ingestion**

A single exposure may cause the following adverse effects: Intoxication. Nausea, vomiting. May cause drowsiness or dizziness. Central nervous system depression. May cause severe internal injury.

### **Skin Contact**

A single exposure may cause the following adverse effects: Pain.

### **Eye contact**

Irritating to eyes.

### **Acute and chronic health hazards**

Keep out of the reach of children.

### **Route of exposure**

Ingestion Inhalation Skin and/or eye contact

### **Target Organs**

Central nervous system

## 12. Ecological information

### **Ecotoxicity**

There are no data on the ecotoxicity of this product.

### **Toxicity**

Not considered toxic to fish.

### Persistence and degradability

**Persistence and degradability** There are no data on the degradability of this product.

### Bioaccumulative potential



## EPX UNCURED EPOXY CLEANER - BULK

**Bio-Accumulative Potential** No data available on bioaccumulation.

**Partition coefficient** No information available.

### Mobility in soil

**Mobility** No data available.

### Other adverse effects

**Other adverse effects** None known.

## 13. Disposal considerations

### Waste treatment methods

**General information** 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.

**Disposal methods** Do not empty into drains. Dispose of surplus products and those that cannot be recycled via a licensed waste disposal contractor. Waste, residues, empty containers, discarded work clothes and contaminated cleaning materials should be collected in designated containers, labeled with their contents. Incineration or landfill should only be considered when recycling is not feasible.

## 14. Transport information

**General** Requirements for marking and labeling of package varies depending on mode of transport. If uncertain of proper markings and labeling, call MicroCare for assistance.

**Road transport notes** Exception Applies: LIQUID CLEANING COMPOUND N.O.S. NOT D.O.T REGULATED PER 49 CFR 173.150 (f)

**Air transport notes** Forbidden for passenger and cargo aircraft.

**DOT transport notes** This product is not regulated for road transportation in accordance with 49 CFR Exceptions.

### UN Number

**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

## EPX UNCURED EPOXY CLEANER - BULK

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 Not applicable. No information required.

Annex II of MARPOL 73/78

and the IBC Code

## 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.

FDA - Essential Chemical

None of the ingredients are listed or exempt.

FDA - Precursor Chemical

None of the ingredients are listed or exempt.

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.

## EPX UNCURED EPOXY CLEANER - BULK

### 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

#### EU - EINECS/ELINCS

Not listed.

#### Canada - DSL/NDL

DSL

#### US - TSCA

Yes

*1-propoxypropan-2-ol*

Present.

*1-METHOXY-2-PROPANOL*

Present.

#### US - TSCA 12(b) Export Notification

Not listed.

#### Australia - AICS

Not listed.

### 16. Other information

## EPX UNCURED EPOXY CLEANER - BULK

### Abbreviations and acronyms used in the safety data sheet

TDG: The transport of dangerous goods act

IATA: International air transport association.

ICAO: Technical instructions for the safe transport of dangerous goods by air.

IMDG: International maritime dangerous goods.

CAS: Chemical abstracts service.

ATE: Acute toxicity estimate.

LC<sub>50</sub>: Lethal concentration to 50 % of a test population.

LD<sub>50</sub>: Lethal dose to 50% of a test population (median lethal dose).

EC<sub>50</sub>: 50% of maximal effective concentration.

PBT: Persistent, bioaccumulative and toxic substance.

vPvB: Very persistent and very bioaccumulative.

### Classification abbreviations and acronyms

Flam. Liq. = Flammable liquid

Eye Irrit. = Eye irritation

STOT SE = Specific target organ toxicity-single exposure

### Training advice

Only trained personnel should use this material.

### Revision comments

NOTE: Lines within the margin indicate significant changes from the previous revision.

### Revision date

6/21/2021

### Revision

29

### Supersedes date

9/9/2020

### SDS No.

BULK - EPX

### SDS status

Approved.

### Hazard statements in full

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.