

Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date: 31.03.2008

Revision: 31.03.2008

1 Identification of substance:

- **Product details:**

- **Trade name:** **ExPoxy™ Wipes**
MCC-EPXW, MCC-EPXWR

- **Application of the substance / the preparation** Cleaner for degreasing, defluxing and for removing of epoxy residues

- **Supplier/Manufacturer:**

Micro Care Corporation
595 John Downey Drive
New Britain, CT 06051
United States of America
Tel.: +1-860-827-0626
Fax: +1-860-827-8105

MicroCare Europe bvba
Erasmuslaan 10
1804 Zemst
Belgium

- **Email competent person:** angelika.torges@kft.de

- **Information department:**

Tech support (Micro Care): Tel.: +1-860-827-0626
Email: techsupport@microcare.com

- **Emergency information:** National Poisons Information Centre Tel.: +44 (0)870 6006266

2 Hazards identification

- **Hazard description:**



Xi Irritant

- **Information pertaining to particular dangers for man and environment:**

R 36/38 Irritating to eyes and skin.
R 67 Vapours may cause drowsiness and dizziness.

- **Classification system:**

The classification was made according to the latest editions of the EU-lists, and expanded using company data and specialized literature.

3 Composition/information on ingredients

- **Chemical characterization**

- **Description:** Synthetic presaturated wipes containing the following products:

- **Dangerous components:**

CAS: 1569-01-3	1-propoxypropan-2-ol	25-50%
EINECS: 216-372-4	Xi; R 36/38	
CAS: 1569-02-4	1-ethoxypropan-2-ol	25-50%
EINECS: 216-374-5	R 10-67	
EU Number: 603-177-00-8		
CAS: 107-98-2	1-methoxypropan-2-ol	2.5-10%
EINECS: 203-539-1	R 10	
EU Number: 603-064-00-3		

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- **Additional information** For the wording of the listed risk phrases refer to section 16.

4 First aid measures

- **General information:**

No special measures required.
 If symptoms persist or in case of doubt seek medical advice.

- **After inhalation:**

Inhalation of product is unlikely.
 In case of complaints which may be caused by vapours supply fresh air and call for a doctor.

- **After skin contact:**

Wash with water and soap and rinse with plenty of water.
 If skin irritation continues, consult a doctor.

- **After eye contact:**

This product is an inert solid substance. If particles get into the eyes remove as customary for foreign bodies.
 If symptoms persist consult a doctor.

- **After swallowing:**

In this form most unlikely. However, if product comes into contact with the mouth:

Rinse mouth with water.

If symptoms persist consult doctor.

- **Information for doctor:**

- **Treatment:** Symptomatic treatment

5 Fire fighting measures

- **Suitable extinguishing agents:** Use fire fighting measures that suit the environment.
- **Special hazards caused by the material, its products of combustion or resulting gases:**
 Dangerous decomposition product see chapter 10: stability and reactivity
- **Protective equipment:** No special measures required.

6 Accidental release measures

- **Person-related safety precautions:** Wear protective clothing.
- **Measures for environmental protection:** No special measures required.
- **Measures for cleaning/collecting:** Send for recovery or disposal in suitable receptacles.

7 Handling and storage

- **Handling**
- **Information for safe handling:**
 Ensure good ventilation/exhaustion at the workplace.
 Store in cool, dry place in tightly closed receptacles.
- **Information about protection against explosions and fires:**



Keep ignition sources away - Do not smoke.

- **Storage**
- **Requirements to be met by storerooms and receptacles:** Store cool and dry in a well ventilated area.
- **Information about storage in one common storage facility:**
 Store away from foodstuffs.

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- Store away from feed.
- **Further information about storage conditions:** Protect from heat and direct sunlight.
- **Storage class** 11 Combustible solids

* 8 Exposure controls and personal protection

- **Additional information about design of technical systems:** No further data; see item 7.
- **Components with limit values that require monitoring at the workplace:**
 - 107-98-2 1-methoxypropan-2-ol**
 - IOELV (European Union) Short-term value: 568 mg/m³, 150 ppm
Long-term value: 375 mg/m³, 100 ppm
Skin
 - WEL (Great Britain) Short-term value: 560 mg/m³, 150 ppm
Long-term value: 375 mg/m³, 100 ppm
Sk
 - OEL (Ireland) Short-term value: 368 mg/m³, 100 ppm
Long-term value: 184 mg/m³, 50 ppm
IOELV
- **Additional information:** The lists that were valid during the creation were used as basis.
- **Personal protective equipment**
- **General protective and hygienic measures:**
 - The usual precautionary measures should be adhered to when handling chemicals.
 - Keep away from foodstuffs, beverages and feed.
 - Immediately remove all soiled and contaminated clothing
 - Wash hands before breaks and at the end of work.
- **Breathing equipment:** Not necessary if room is well-ventilated.
- **Protection of hands:**
 - At longer contact: protective gloves
 - Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
 - Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.
 - Preventive skin protection by use of skin-protecting agents is recommended.
- **Material of gloves:**
 - The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.
- **Penetration time of glove material:**
 - The exact break-through time has to be found out by the manufacturer of the protective gloves and has to be observed.
- **Eye protection:** Safety glasses
- **Body protection:** Protective work clothing.

9 Physical and chemical properties:

· General Information

- Form:** synthetic, presaturated wipe
- Colour:** White
- Odour:** Alcohol-like
- **Change in condition:**
 - Melting point/Melting range:** undetermined
 - Boiling point/Boiling range:** undetermined
- **Flash point:** < 55°C
- **Self igniting:** Product is not self-igniting.
- **Danger of explosion:** Product does not present an explosion hazard.

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- **Density:** Not determined
- **Solubility in / Miscibility with Water:** Partly miscible

10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:** No decomposition if used and stored according to specifications.
- **Materials to be avoided:**
 - Strong acids
 - Strong oxidants
 - Aldehydes
 - Acetyl chloride
 - Halogens
 - Halogen compounds
- **Dangerous products of decomposition:**
 - In the case of fire or at high temperatures the formation of the following decomposition products is possible.
 - Carbon dioxide
 - Carbon monoxide

11 Toxicological information

- **Acute toxicity:**
- **LD/LC50 values that are relevant for classification:**
 - 1569-01-3 1-propoxypropan-2-ol**
 - Dermal LD₅₀ 3550 mg/kg (rabbit)
 - 1569-02-4 1-ethoxypropan-2-ol**
 - Oral LD₅₀ 4900 mg/kg (rat)
 - Dermal LD₅₀ 9500 mg/kg (rab)
 - 107-98-2 1-methoxypropan-2-ol**
 - Oral LD₅₀ 5000 mg/kg (rat)
 - Dermal LD₅₀ 13500 mg/kg (rabbit)
 - Inhalative LC₅₀/4 h 6 mg/l (rat)
- **Primary irritant effect:**
 - **on the skin:** Irritant to skin and mucous membranes.
 - **on the eye:** Irritating effect.
 - **Sensitization:** No sensitizing effects known.

12 Ecological information

- **Ecotoxicological effects:**
- **Aquatic toxicity:** Presently there are no ecotoxicological values available.
- **General notes:**
 - Product is a synthetic, presaturated wipe containing the mentioned products. Release to the environment is not very likely.

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13 Disposal considerations

- **Product:**
- **Recommendation:**



Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.

14 Transport information

- **Land transport ADR/RID (cross-border)**



- **ADR/RID class:** 4.1 (F1) Flammable solids, self-reactive substances and solid desensitised explosives.
- **Danger code (Kemler):** 40
- **UN-Number:** 3175
- **Packaging group:** II
- **Label:** 4.1
- **Description of goods:** Solids containing flammable liquid, n.o.s., 1-propoxypropan-2-ol
- **Remarks:** Limited Quantity: 3 kg inner packaging, 30 kg packaging unit (gross)

- **Maritime transport IMDG:**



- **IMDG Class:** 4.1
- **UN Number:** 3175
- **Label:** 4.1
- **Packaging group:** II
- **EMS Number:** F-A,S-I
- **Proper shipping name:** SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S. (1-propoxypropan-2-ol)

- **Air transport ICAO-TI and IATA-DGR:**



- **ICAO/IATA Class:** 4.1
- **UN/ID Number:** 3175
- **Label:** 4.1
- **Packaging group:** II
- **Proper shipping name:** SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S. (1-propoxypropan-2-ol)

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*15 Regulations

- **Markings according to EC guidelines:** The product has been marked in accordance with EU Directives / respective national laws.
- **Code letter and hazard designation of product:**



Xi Irritant

- **Risk phrases:**
 - 36/38 Irritating to eyes and skin.
 - 67 Vapours may cause drowsiness and dizziness.
- **Safety phrases:**
 - 24 Avoid contact with skin.
 - 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
 - 37 Wear suitable gloves.
 - 60 This material and its container must be disposed of as hazardous waste.
- **National regulations**
- **Information about limitation of use:** Restrictions on juvenile employment must be observed.
- **Water hazard class:** not applicable

16 Other information:

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Reasons for amendments:**
 - TLV
 - General revision
 - Regulation (EC) No. 1907/2006
- **Relevant R-phrases:**
 - 10 Flammable.
 - 36/38 Irritating to eyes and skin.
 - 67 Vapours may cause drowsiness and dizziness.
- **Department issuing MSDS:**
 - KFT-Chemieservice Marienstr. 3 D-64347 Griesheim
 - Postfach 1451 D-64345 Griesheim
 - Tel.: +49-6155-823241 Fax: +49-6155-823246
- **Contact:** Angelika Torges
- *** Data compared to the previous version altered.**
 - Changes have been made to chapters marked with a *, as compared to the previous version.