

SAFETY DATA SHEET according to Regulation 1907/2006

Product name: **MCU-QUICKCURE**

Creation date: **20.7.2011**

Revision: : **6.11.2012**

Version: **1**

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

1.1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION

Product name:

MCU-QUICKCURE

Product code:

no information



chemius.net/LeW5a

1.2. USE OF THE SUBSTANCE/PREPARATION

Use:

Hardener

Uses advised against:

no information

1.3. COMPANY/UNDERTAKING IDENTIFICATION

Supplier

MCU Coatings International S.L.

Address: Partida La Olla 1 Edificio Atalaya del Mar Local 6, 03590 ALTEA (ALICANTE), Spain

Tel.: +34 965 84 14 36

e-mail: info@mcucoatings.com

Point of contact for safety info: MCU Coatings

1.4. EMERGENCY TELEPHONE

Emergency:

112

Supplier:

+34 965 84 14 36

2. HAZARDS IDENTIFICATION

2.1 CLASSIFICATION OF SUBSTANCE/PREPARATION

Classification according to Reg. 1272/2008 (CLP)

H314: Causes severe skin burns and eye damage.

H317: May cause an allergic skin reaction.

H412: Harmful to aquatic life with long lasting effects.

Classification according to directive 67/548/EEC or. 99/45/EC

C: Corrosive

(R34) Causes burns.

(R43) May cause sensitisation by skin contact.

(R52/53) Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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2.2 LABEL ELEMENTS



Signal word: **Danger**

H314: Causes severe skin burns and eye damage.

H317: May cause an allergic skin reaction.

H412: Harmful to aquatic life with long lasting effects.

P272: Contaminated work clothing should not be allowed out of the workplace.

P273: Avoid release to the environment.

P301 + P330 + P331: IF SWALLOWED: rinse mouth. Do NOT induce vomiting.

P304 + P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P405: Store locked up.

P501: Dispose of contents/container in accordance with local regulation.

2.3. Other hazards

No information

2.4. Contains:

Blocked cycloaliphatic diamine

2.5. Special provisions

Special hazards are not known or expected.

3. COMPOSITION/INFORMATION ON INGREDIENTS

-	Substance:	<input type="checkbox"/>
-	Preparation/mixture:	<input checked="" type="checkbox"/>

Chemical name	CAS EC Index	%	Classification according to Regulation (EC) No 1272/2008 [CLP]	Classification according to directive 67/548/EEC or 99/45/EC	REACH reg. number
Blocked cycloaliphatic diamine	54914-37-3 259-393-4 -	50-100	Skin Corr. 1A; H314 Skin Sens. 1; H317 Aquatic Chronic 3; H412	C; R34 Xi; R43 R52/53	-

4. FIRST AID MEASURES

4.1. First-aid measures

General measures:

Take off all contaminated clothing immediately. When in doubt or if symptoms do not disappear seek medical help.

Skin contact:

Wash thoroughly with plenty of water and soap! If symptoms persist seek medical attention.

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Eye contact:

Consult a physician. Immediately flush eyes with plenty of water while keeping eyelids open (at least 20 minutes).

Inhalation:

Remove patient to fresh air-move out of dangerous area. Seek medical help.

Ingestion:

Immediately consult a specialist. Show the physician the Safety Data Sheet or label. Never give anything by mouth to an unconscious person. Do not induce vomiting. Thoroughly rinse mouth and do not drink water.

4.2. Symptoms

Skin contact:

Corrosive for skin.

May cause sensitisation by skin contact.

May cause contact dermatitis or other allergic reaction in sensitive individuals.

Eye contact:

Contact with eyes can cause irritation.

May cause irritation as itching and redness.

Inhalation:

Causes irritation of respiratory ways.

Causes cough and problems with breathing.

Ingestion:

May cause irritation.

Causes nausea/vomiting and diarrhoea.

5. FIRE-FIGHTING MEASURES

5.1. Suitable extinguishing media:

Carbon dioxide. Dry chemical powder. Alcohol or polymer foam.

5.2. Extinguishing media which must not be used for safety reasons:

Full water jet.

5.3. Special exposure hazards:

Hazardous combustion products:

In the event of fire the following can be generated: carbon monoxide (CO), carbon dioxide (CO₂). In the event of a fire can produce dangerous fumes.

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5.4. Advice for firefighters:

Protective actions:

In case of fire do not breathe fumes/gases. Cool containers at risk with water spray jet. If possible remove containers from endangered area.

Special protective equipment for fire-fighters:

Fire-fighters should wear appropriate protective clothing for fire-fighters (including helmets, protective boots and gloves) (EN 469) and self-contained breathing apparatus (SCBA) with a full face-piece (EN 137) .

5.5. Additional information:

-

6. ACCIDENTAL RELEASE MEASURES

6.1. Personal safety precautions:

Use personal protective equipment (point 8). Ensure adequate ventilation. Keep away sources of ignition. Protect from moisture. Evacuate personnel.

6.2. Environmental precautions:

Do not allow product to reach water/drains/sewage systems or permeable soil.

6.3. Methods for cleaning up:

Absorb product (with inert material), collect it in special container and dispose it according to valid regulations on handling with waste.

7. HANDLING AND STORAGE

7.1. Handling:

Use good personal hygiene practices-wash hands at breaks and when done working with material. Do not eat, drink or smoke while working. Avoid contact with skin and eyes. Do not breathe vapours/mist. Ensure adequate ventilation. Ensure adequate equipment grounding. Prevent electrostatic charge build-up by grounding.

7.2. Storage - technical measures and storage conditions:

Keep in cool and good ventilated area. Keep in tightly closed container. Keep in a dry place. Keep away from moisture and water. Do not store above 35°C. Keep away from oxidizers, strong alkalies and acids. Avoid contact with water and moisture. Close open containers after use. Put the container upright to prevent from leaking.

7.3. Compatible packaging materials

Stainless steel.

7.4. Specific use(s):

Do not use compressed air during filling, emptying or handling.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.2. Exposure limit values

no information

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8.2. Occupational exposure controls

Use good personal hygiene practices-wash hands at breaks and when done working with material. Avoid contact with eyes and skin.

8.3. Exposure controls

-

8.4. Personal protection equipment:

Respiratory protection:

In case of insufficient ventilation wear suitable respiratory protection. Filter typ A.

Hand protection:

Protective gloves.

Eye protection:

Tight fitting protective goggles (EN 166).

Skin protection:

Wear suitable protective clothing.

8.5. Appropriate engineering control

Organisation measures to prevent exposure

Remove all contaminated lothes immediately and wash them before reuse.

Technical measures to prevent exposure

Provide good ventilation and local exhaust in the area with increased concentration. Keep away from food, drink and animal feedingstuffs

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. General information

-	Physical state:	liquid
-	Colour:	bright yellow
-	Odour:	characteristic

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9.2. Important health, safety and environmental information

-	pH	no information
-	Boiling point/boiling range	200 °C
-	Flashpoint	77 °C
-	Ignition temperature	no information
-	Explosion limits (vol%)	no information
-	Vapour pressure	0.5 hPa
-	Relative density	Density: 0.86 g/cm ³ at 20 °C
-	Vapour density	no information
-	Solubility	Organic solvent: Soluble
-	Viscosity	Kinematic: 0.02 — 0.03 Pas

9.3. OTHER INFORMATION

-	Melting point	-50 °C
-	Remarks:	

10. STABILITY AND REACTIVITY

10.1. Stability

Product is stable under normal conditions according to handling and storage.

10.2. Conditions to avoid

No special precautions required. Consider the directions for use and storage. Protect from moisture and water - keep in dry place. Do not expose to temperatures exceeding 35 °C.

10.3. Materials to avoid

Water. Moisture.
Strong acids.
Strong bases. Strong oxidizing agents.

10.4. Hazardous decomposition products

Under normal use conditions no hazardous decomposition products expected. Decomposition products from hydrolysis in water: isophorone diamine, isobutyraldehyde.

11. TOXICOLOGICAL INFORMATION

11.1. Toxicological information for the product (chemical)

11.1.1. Effects:

no information

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11.1.2. Specific effects on human health:

- **Carcinogenic effects:** Product is not classified as carcinogenic.
- **Mutagenic effects:** no data
- **Toxic for reproduction:** no data

11.1.3. Acute toxicity:

no information

11.2. Toxicological information for components/constituents

11.2.1. Effects:

no information

11.2.2. Acute toxicity of ingredients/constituents

no information

12. ECOLOGICAL INFORMATION

12.1. Ekotoxicity (product/chemical)

Harmful to aquatic organisms.

Do not allow to enter ground water, water course or sewage system.

12.1.1. Bioaccumulative potential

- Partition coefficient:

no information

- Bioconcentration factor: -

12.1.2. Biodegradability

- Biodegradability:

-

- BOD(5days)/COD ratio: -

12.1.3. Acute toxicity

no information

12.1.4. Chronic toxicity

no information

12.1.5. Abiotic degradation

no information

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12.1.6. Biodegradation

Type	Rate (%)	Time	Evaluation	Method	Remark
aerobic			poorly biodegradable		

12.1.7. Mobility

no information

12.1.8. Additional information

-

12.2. Ekotoxicity (components/constituents)

no information

13. DISPOSAL CONSIDERATIONS

13.1. Waste chemical:

Disposal must be made according to official regulations: to leave it to authorized collector/remover/transformer of hazardous waste.

13.2. European Waste Catalogue number:

no information

13.3. Packaging:

Completely emptied container dispose according to regulations.

13.4. European Waste Catalogue number:

no information

13.5. Remarks

no information

14. TRANSPORT INFORMATION

Name and description

AMINES, LIQUID, CORROSIVE, N.O.S. (Blocked cycloaliphatic diamine)

14.1. Transport of Dangerous Goods by Road/Rail(ADR/RID):

UN number: 2735

Class: 8

Packing group: III

Limited quantities: 5 L

Tunnel restriction code: E



14.2. Transport of Dangerous Goods by River (ADN):

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UN number: 2735

Class: 8

Packing group: III

14.3. Transport of Dangerous Goods by Sea (IMDG):

UN number: 2735

Class: 8

Packing group: III

Marine pollutant: NO

14.4. Transport of Dangerous Goods by Air (ICAO/IATA):

UN number: 2735

Class: 8

Packing group: III

15. REGULATORY INFORMATION

15.1. Information on laws

- Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)
- Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures
- Dangerous preparations directive (99/45/EC) as amended
- Dangerous substances directive (67/548/EEC) as amended

15.2. Chemical safety assessment

Chemical safety assessment is not available.

15.3. Special instructions:

no information

15.4. VOC value according to Directive 2004/42/EC

no information

16. OTHER INFORMATION

16.1. List of relevant R phrases

- (R34) Causes burns.
- (R43) May cause sensitisation by skin contact.
- (R52/53) Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

16.2. List of relevant H phrases

- (H314) Causes severe skin burns and eye damage.
- (H317) May cause an allergic skin reaction.
- (H412) Harmful to aquatic life with long lasting effects.

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16.3. Sources of key data used to compile the data sheet:

16.4. Modifications of the safety data sheet:

The information of this SDS is based on the present state of our knowledge and meets the requirements of EU and national laws. The user's working conditions however, are beyond our knowledge and control. The product is not to be used for purposes other than those specified under section 1 without a written permission. It remains the responsibility of the user to ensure that the necessary steps are taken to meet the laws and regulations. Handling of the product may only be done by people above 18 years of age, who are satisfactorily informed of how to do the work, the hazardous properties and necessary safety precautions. The information given in this SDS is to describe the product only in terms of health and safety requirements and should not, therefore, be construed as guaranteeing specific properties.