SAFETY DATA SHEET according to Regulation 1907/2006

Product name: **MCU-MIOMASTIC**
Creation date: **25.7.2011**
Revision: : **14.11.2012**
Version: **1**

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

1.1.IDENTIFICATION OF THE SUBSTANCE/PREPARATION

chemius.net/a3A9d

Product name:

MCU-MIOMASTIC

Product code:

no information

1.2. USE OF THE SUBSTANCE/PREPARATION

Use:

Coating

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)

H226: Flammable liquid and vapour.
H312: Harmful in contact with skin.
H315: Causes skin irritation.
H317: May cause an allergic skin reaction.
H319: Causes serious eye irritation.
H332: Harmful if inhaled.
H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H335: May cause respiratory irritation.
H351: Suspected of causing cancer < state route of exposure if it is conclusively proven that no other routs of exposure cause the hazard> .
H412: Harmful to aquatic life with long lasting effects.

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

Xn: Harmful

(R10) Flammable.
(R20/21) Harmful by inhalation and in contact with skin.
(R36/37/38) Irritating to eyes, respiratory system and skin.
(R40) Limited evidence of a carcinogenic effect.
(R42/43) May cause sensitisation by inhalation and skin contact.
(R52/53) Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

2.2 LABEL ELEMENTS

Signal word: **Danger**

H226: Flammable liquid and vapour.
H312: Harmful in contact with skin.
H315: Causes skin irritation.
H317: May cause an allergic skin reaction.
H319: Causes serious eye irritation.
H332: Harmful if inhaled.
H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H335: May cause respiratory irritation.
H351: Suspected of causing cancer < state route of exposure if it is conclusively proven that no other routs of exposure cause the hazard> .
H412: Harmful to aquatic life with long lasting effects.
P273: Avoid release to the environment.
P281: Use personal protective equipment as required.
P308 + P313: IF exposed or concerned: Get medical advice/attention.
P337 + P313: If eye irritation persists: Get medical advice/attention.
P403 + P233: Store in a well-ventilated place. Keep container tightly closed.
P501: Dispose of contents/container in accordance with local regulation.

2.3. Other hazards

No information

2.4. Contains:

Isocyanic acid, polymethylenepolyphenylene ester, polymer with .alpha.-hydro-.omega.- hydroxypoly(oxy(methyl- 1,2-ethanediyl)]
Diphenylmethandiisocyanat, isomers and homologues
4-isocyanatosulphonyltoluene
m-tolylidene diisocyanate
diphenylmethane-2,4'-diisocyanate

2.5. Special provisions

MDI notice
Persons already sensitised to diisocyanates may develop allergic reactions when using this product. Persons suffering from asthma, eczema or skin problems should avoid contact, including dermal contact, with this product. This product should not be used under conditions of poor ventilation unless a protective mask with an appropriate gas filter (i.e. type A1 according to standard EN 14387) is used.

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3. COMPOSITION/INFORMATION ON INGREDIENTS

-	**Substance:**	☐
-	**Preparation/mixture:**	X

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
Xylene *(C)*	1330-20-7 215-535-7 601-022-00-9	10-25	Flam. Liq. 3; H226 Skin Irrit. 2; H315 Acute Tox. 4; H312, H332	Xn; R20/21 Xi; R38 R10	-
Isocyanic acid, polymethylenepolyphenylene ester, polymer with .alpha.-hydro-.omega.-hydroxypoly(oxy(methyl- 1,2-ethanediyl)]	53862-89-8 - -	2,5-10	Skin Irrit. 2; H315 Skin Sens. 1; H317 Eye Irrit. 2; H319 Acute Tox. 4; H332 Resp. Sens. 1; H334 STOT SE 3; H335 Carc. 2; H351 STOT RE 2; H373	Carc. Cat. 3; R40 Xn; R20-42/43-48/20 Xi; R36/37/38	-
tetraethyl silicate	78-10-4 201-083-8 014-005-00-0	2,5-10	Flam. Liq. 3; H226 Eye Irrit. 2; H319 Acute Tox. 4; H332 STOT SE 3; H335	Xn; R20 Xi; R36/37 R10	-
Solvent naphtha (petroleum), light arom. *(H, P)*	64742-95-6 265-199-0 649-356-00-4	2,5-10	Flam. Liq. 1; H224 Asp. Tox. 1; H304 STOT SE 3; H335 Aquatic Chronic 2; H411	Xn; R65 Xi; R37 N; R51/53 R10	-
Diphenylmethandiisocyanat, isomers and homologues	9016-87-9 202-966-0 -	<2,5	Skin Irrit. 2; H315 Skin Sens. 1; H317 Eye Irrit. 2; H319 Acute Tox. 4; H332 Resp. Sens. 1; H334 STOT SE 3; H335 Carc. 2; H351 STOT RE 2; H373	Carc. Cat. 3; R40 Xn; R20-42/43-48/20 Xi; R36/37/38	-
4,4'-methylenediphenyl diisocyanate *(C)*	101-68-8 202-966-0 615-005-00-9	<2,5	Skin Irrit. 2; H315 Skin Sens. 1; H317 Eye Irrit. 2; H319 Acute Tox. 4; H332 Resp. Sens. 1; H334 STOT SE 3; H335 Carc. 2; H351 STOT RE 2; H373	Carc. Cat. 3; R40 Xn; R20-42/43-48/20 Xi; R36/37/38	-
4-isocyanatosulphonyltoluene	4083-64-1 223-810-8 615-012-00-7	<2,5	Skin Irrit. 2; H315 Eye Irrit. 2; H319 Resp. Sens. 1; H334 STOT SE 3; H335	Xn; R42 Xi; R36/37/38 R14	-
Ethylbenzene	100-41-4 202-849-4 601-023-00-4	<2,5	Flam. Liq. 2; H225 Acute Tox. 4; H332	F; R11 Xn; R20	-
methyl amyl ketone	110-43-0 203-767-1 606-024-00-3	<2,5	Flam. Liq. 3; H226 Acute Tox. 4; H302, H332	Xn; R20/22 R10	-

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m-tolylidene diisocyanate *(C)*	26471-62-5 247-722-4 615-006-00-4	<2,5	Skin Irrit. 2; H315 Skin Sens. 1; H317 Eye Irrit. 2; H319 Acute Tox. 2; H330 Resp. Sens. 1; H334 STOT SE 3; H335 Carc. 2; H351 Aquatic Chronic 3; H412	T+; R26 Carc. Cat. 3; R40 Xn; R42/43 Xi; R36/37/38 R52/53	-
diphenylmethane-2,4'-diisocyanate *(C)*	5873-54-1 227-534-9 615-005-00-9	<2,5	Skin Irrit. 2; H315 Skin Sens. 1; H317 Eye Irrit. 2; H319 Acute Tox. 4; H332 Resp. Sens. 1; H334 STOT SE 3; H335 Carc. 2; H351 STOT RE 2; H373	Carc. Cat. 3; R40 Xn; R20-42/43-48/20 Xi; R36/37/38	-

Notes for substances:

C	Some organic substances may be marketed either in a specific isomeric form or as a mixture of several isomers. In this case the supplier must state on the label whether the substance is a specific isomer or a mixture of isomers.
H	The classification and labelling shown for this substance applies to the hazardous property(ies) indicated by the hazard statement(s) in combination with the hazard class(es) and category(ies) shown. The requirements of Article 4 for manufacturers, importers or downstream users of this substance apply to all other hazard classes and categories. For hazard classes where the route of exposure or the nature of the effects leads to a differentiation of the classification of the hazard class, the manufacturer, importer or downstream user is required to consider the routes of exposure or the nature of the effects not already considered. The final label shall follow the requirements of Article 17 and of section 1.2 of Annex I.
P	The classification as a carcinogen or mutagen need not apply if it can be shown that the substance contains less than 0,1 % w/w benzene (EINECS No 200-753-7). When the substance is not classified as a carcinogen at least the precautionary statements (P102-)P260-P262-P301 + P310-P331 (Table 3.1) or the S-phrases (2-)23-24-62 (Table 3.2) shall apply. This note applies only to certain complex oil-derived substances in Part 3.

4. FIRST AID MEASURES

4.1. First-aid measures

General measures:

Never give anything by mouth to an unconscious person. Take off all contaminated clothing immediately.

Skin contact:

Immediately obtain professional medical help! Wash thoroughly with plenty of water and soap!

Eye contact:

If irritation does not stop, seek professional medical treatment! 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. If victim has difficulties with breathing or is not breathing give artificial respiration. Seek medical help.

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Ingestion:

Consult a physician. Show the physician the Safety Data Sheet or label. Do not induce vomiting. Rinse mouth with water.

4.2. Symptoms

Skin contact:

Irritating to the skin.
May cause sensitisation by skin contact.
May cause allergic dermatitis.

Eye contact:

Redness, tearing, pain.
Causes redness and pain.

Inhalation:

Causes irritation of respiratory ways.
Harmful.
Can cause sensitization.
Causes cough and problems with breathing.

Ingestion:

Irritates mucous membranes in the mouth, throat, esophagus and in gastrointestinal area.
Harmful to health when ingested.

5. FIRE-FIGHTING MEASURES

5.1. Suitable extinguishing media:

Chemical powder.
Carbon dioxide (CO_2).

Alcohol-resistant foam.
Sand.

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

Water;

5.3. Special exposure hazards:

Hazardous combustion products:

In case of heating harmful vapours/gases can be generated. In the event of fire the following can be generated: carbon monoxide (CO), carbon dioxide (CO_2). In the event of a fire can produce dangerous fumes.

5.4. Advice for firefighters:

Protective actions:

-

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 from sources of ignition; No smoking!

6.2. Environmental precautions:

Do not allow product to reach water/drains/sewage systems or permeable soil. If accidental entry into water or ground occurs, inform responsible authorities.

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. Keep away from sources of ignition - No smoking. Use spark-proof tools. Take precautionary measures against static discharges.

7.2. Storage - technical measures and storage conditions:

Keep in cool and good ventilated area. Keep unauthorized personnel out. Protect from open fire, heat and direct sunlight. Keep away from food, drink and animal feedingstuffs Keep away from moisture and water. Keep in tightly closed container. Do not store above 35°C. Avoid contact with water.

7.3. Compatible packaging materials

Stainless steel.

7.4. Specific use(s):

-

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Exposure limit values (IUCLID)

Chemical name	value		interval x time		Type
Ethylbenzene (100-41-4)	1.5	ppm	543	mg/m3 (1 x 15min)	BAT (DE)
Xylene (1330-20-7)	100	ml/m3	150	ml/m3 (4 x 15min)	OES (UK)
m-tolylidene diisocyanate (26471-62-5)	0.005	ppm	0.02	ppm (8 x 5min)	TLV (US)
Solvent naphtha (petroleum), light arom. (64742-95-6)	50	ppm	10	mg/m3 (4 x 15min)	TLV (US)
					Source: IUCLID (For information only)

8.2. Exposure limit values

Chemical name	mg/m3	ml/m3	KTV	Exposure limit values
Xylene	440	100	0	
Ethylbenzene	442	100	0	Europe ILV (Indicati
Ethylbenzene	440	100	0	TWA: Germany
Ethylbenzene	440	100	0	TWA: SI OEL

8.3. Occupational exposure controls

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

8.4. Exposure controls

-

8.5. Personal protection equipment:

Respiratory protection:

In case of insufficient ventilation wear suitable respiratory protection.

Hand protection:

Protective gloves (EN 374).

Eye protection:

Safety glasses with side protection. (EN 166)

Skin protection:

Protective working garments.

8.6. Appropriate engineering control

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:**	specified on the label
-	**Odour:**	characteristic

9.2. Important health, safety and environmental information

-	**pH**	no information
-	**Boiling point/boiling range**	no information
-	**Flashpoint**	> 23 °C
-	**Ignition temperature**	no information
-	**Explosion limits (vol%)**	no information
-	**Vapour pressure**	no information
-	**Relative density**	**Density**: 1.7 g/cm^3 at 20 °C
-	**Vapour density**	no information
-	**Solubility**	**Organic solvent**: Soluble
-	**Weight organic solvents**	260 g/l
-	**Solid contents**	88 %

9.3. OTHER INFORMATION

-	**Remarks:**	

10. STABILITY AND REACTIVITY

10.1. Stability

-

10.2. Conditions to avoid

Keep away from heat and sources of ignition. Protect from moisture and water - keep in dry place. Do not expose to temperatures exceeding 35°C.

10.3. Materials to avoid

Water.
Strong acids.
Strong bases.
Oxidants.

10.4. Hazardous decomposition products

Under normal use conditions no hazardous decomposition products expected. In case of fire/explosion vapours dangerous for health are spread. At high temperatures CO_2, carbon monoxide (incomplete combustion), smoke.

11. TOXICOLOGICAL INFORMATION

11.1. Toxicological information for the product (chemical)

11.1.1. Effects:

no information

11.1.2. Specific effects on human health:

- Carcinogenic effects: Can cause cancer.

- 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:

XYLENE

- Skin contact: Acute dermal toxicity: non-toxic. Primary skin irritation: not irritating effect. Causes dermatitis.

- Eye contact: Primary eye irritation and corrosive effects: the material has minimal ocular irritant effects on mucous membranes by the repeated application (k = 100 mg).

- Inhalation: Chronic poisoning is characterized by nervous disorders (headache, drowsiness), gastrointestinal disorders and irritant effects on skin. The vapor of xylene has narcotic effect on the nervous system. Acute effects of vapor: dizziness, strong heartbeat, asthma, the affected person is restless and may vomit. In severe cases there may be loss of consciousness.

- Ingestion: n.d.

ETHYLBENZENE

- Inhalation: Harmful by inhalation.

11.2.2. Acute toxicity of ingredients/constituents

CAS	Routes of exposure		
	Oral	**Dermal**	**Inhalation**
1330-20-7	LD_{50}/mouse: > 1590 mg/kg LD_{50}/rat: > 4300 mg/kg LD50/rat: 4300 - 8700 mg/kg * LD50/rat: 3523 - 2500 mg/kg *	LD50/rabbit: 4350 - 2000 mg/kg * LD50/rabbit: 3160 - 20000 mg/kg *	LC50/rat/4h: 6350 - 18.3 ppm * LC50/rat/4h: 47635 - 18.3 mg/l *
100-41-4	LD_{50}/rat: > 3500 mg/kg LD50/rat: 3500 - 2500 mg/kg * LD50/rat: 3523 - 2500 mg/kg *	LD50/rabbit: 15354 - 3160 mg/kg * LD50/rabbit: 17800 - 3160 mg/kg *	LC50/rat/4h: 17.2 - 0 mg/l * LC50/rat/2h: 13367 - 0 ppm *
110-43-0	LD_{50}/rat: > 1600 mg/kg	LD_{50}/rabbit: > 12600 mg/kg	LC_{50}/gas/4h/rat: > 2000 ppmV
26471-62-5	LD_{50}/rat: > 5000 mg/kg LD50/rat: 3360 - 3200 mg/kg * LD50/rat: 4000 - 3200 mg/kg *	LD50/rabbit: 9400 - 12600 mg/kg * LD50/rabbit: 10000 - 12600 mg/kg *	LC50/rat/4h: 0.1 - 8.5 mg/l * LC50/rat/4h: 0.35 - 8.5 mg/l *
5873-54-1		LD_{50}/rabbit: > 9400 mg/kg	LC_{50}/dust/aerosol/4h/rat: > 0.49 mg/l
64742-95-6	LD50/rat: 3500 - 6000 mg/kg * LD50/rat: 5000 - 6000 mg/kg *	LD50/rabbit: 2000 - 20000 mg/kg * LD50/rabbit: 3160 - 20000 mg/kg *	LC50/rat/4h: 5.2 - 39 mg/l * LC50/rat/6h: 14.4 - 39 mg/l *
			* Source: IUCLID (For information only)

11.3. Repeated dose toxicity for components

Chemical name	Type	Exposure Period	Exp. route and organ	species	value	Method
methyl amyl ketone	LOAEL, prolonged exposure		Oral (gastrointestinal tract)	rat	100 mg/kg	
methyl amyl ketone	NOAEL, prolonged exposure		Inhalation (respiratory system)	rat	1025 mg/l	

12. ECOLOGICAL INFORMATION

12.1. Ekotoxicity (product/chemical)

Do not allow to enter ground water, water course or sewage system.
Harmful to aquatic organisms. May cause long term adverse effects in the aquatic environment.

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

12.1.6. Biodegradation

no information

12.1.7. Mobility

no information

12.1.8. Additional information

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12.2. Ekotoxicity (components/constituents)

Substance: diphenylmethane-2,4'-diisocyanate

Under normal use conditions no negative environmantal effects expected.

Acute toxicity

Substance (CAS Nr.)	Type	Value	Exposure time	Species	Organism	Method
Xylene (1330-20-7)	LC_{50}	13.5-42 mg/L	96 h	fish		
Ethylbenzene (100-41-4)	LC_{50}	>12 mg/L	96 h	fish		
	EC_{50}	>33 mg/L	72 h	algae		
methyl amyl ketone (110-43-0)	LC_{50}	>131 mg/L	96 h	fish		
diphenylmethane-2,4'-diisocyanate (5873-54-1)	EC_{50}	>1000 mg/L	48 h	aquatic invertebrates		
	LC_{50}	>1000 mg/L	96 h	fish		
	NOEC	>10 mg/L	0	daphnia		

12.3. Acute toxicity of ingredients (IUCLID)

CAS	Species		
	Fish	Daphnia	Algae
100-41-4	LC50/96h: 4.2 - 1640 mg/l * LC50/96h: 4.3 - 1640 mg/l *	EC50/96h: 0.49 - 2.4 mg/l * EC50/48h: 1.8 - 2.4 mg/l *	LC50/72h: 4.6 - 0 mg/l * LC50/8days: 4.8 - 0 mg/l *
64742-95-6	LC50/96h: 9.22 - 22 mg/l * LC50/24h: 58 - 22 mg/l *	EC50/48h: 6.14 - 10000 mg/l * EC50/96h: 6.14 - 10000 mg/l *	LC50/72h: 3.29 - 10 mg/l * LC50/72h: 19 - 10 mg/l *
26471-62-5	LC50/96h: 46 - 5.6 mg/l * LC50/96h: 133 - 5.6 mg/l *	EC50/96h: 11.8 - 13.5 mg/l * EC50/48h: 12.5 - 13.5 mg/l *	LC50/96h: 3230 - 0.37 mg/l * LC50/96h: 4300 - 0.37 mg/l *
1330-20-7	LC50/48h: 86 - 308 mg/l * LC50/96h: 13500 - 17300 micrograms/l *	EC50/96h: 500 - 18000 micrograms/l * EC50/24h: 500 - 18000 micrograms/l *	LC50/72h: 100 - 3.92 micrograms/l * LC50/8days: 4.8 - 0 mg/l *

Source: IUCLID (For information only)

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. Uncleaned containers should not be perforated, cut or welded.

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13.4. European Waste Catalogue number:

no information

13.5. Remarks

no information

14. TRANSPORT INFORMATION

Name and description

PAINT

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

UN number: 1263
Class: 3
Packing group: III
Limited quantities: 5 L
Tunnel restriction code: D/E

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

UN number: 1263
Class: 3
Packing group: III

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

UN number: 1263
Class: 3
Packing group: III
Marine pollutant: NO

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

UN number: 1263
Class: 3
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

EU tolerance levels and category: A(i) 500 g/l. VOC Content: 260 g/l

16. OTHER INFORMATION

16.1. List of relevant R phrases

(R10) Flammable.
(R11) Highly flammable.
(R14) Reacts violently with water.
(R20) Harmful by inhalation.
(R20/21) Harmful by inhalation and in contact with skin.
(R20/22) Harmful by inhalation and if swallowed.
(R26) Very toxic by inhalation.
(R36/37) Irritating to eyes and respiratory system.
(R36/37/38) Irritating to eyes, respiratory system and skin.
(R37) Irritating to respiratory system.
(R38) Irritating to skin.
(R40) Limited evidence of a carcinogenic effect.
(R42) May cause sensitisation by inhalation.
(R42/43) May cause sensitisation by inhalation and skin contact.
(R48/20) Harmful: danger of serious damage to health by prolonged exposure through inhalation.
(R51/53) Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
(R52/53) Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
(R65) Harmful: may cause lung damage if swallowed.

16.2. List of relevant H phrases

(H224) Extremely flammable liquid and vapour.
(H225) Highly flammable liquid and vapour.
(H226) Flammable liquid and vapour.
(H302) Harmful if swallowed.
(H304) May be fatal if swallowed and enters airways.
(H312) Harmful in contact with skin.
(H315) Causes skin irritation.
(H317) May cause an allergic skin reaction.
(H319) Causes serious eye irritation.
(H330) Fatal if inhaled.
(H332) Harmful if inhaled.
(H334) May cause allergy or asthma symptoms or breathing difficulties if inhaled.
(H335) May cause respiratory irritation.
(H351) Suspected of causing cancer .
(H373) May cause damage to organs through prolonged or repeated exposure .
(H411) Toxic to aquatic life with long lasting effects.
(H412) Harmful to aquatic life with long lasting effects.
(EUH014) Reacts violently with water.

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

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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.