

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### · 1.1 Product identifier

#### · Trade name: 422B

· Other Means of Identification: Silicone Modified Conformal Coating

#### · Related Part Number:

422B-Liquid, 422B-55ML, 422B-1L, 422B-4L, 422BPX-4L, 422B-20L, 422B-20LTH, 422B-200L

· UFI: J2C0-50PC-R00X-R5MR

### · 1.2 Relevant identified uses of the substance or mixture and uses advised against

· Application of the substance / the mixture Coating

· Uses advised against For industrial use only

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

#### · Manufacturer/Supplier:

MG Chemicals Ltd. (Head Office)  
1210 Corporate Drive  
Burlington, Ontario L7L 5R6  
CANADA  
+(1) 905-331-1396  
info@mgchemicals.com

MG Chemicals  
Heame House, 23 Bliston Street  
Sedgely Dudley DY3 1JA.  
United Kingdom  
+(44) 1663 362888

MG Chemicalst Ltd.  
Level 2, Vision Exchange, Building Territorials Street,  
Zone 1, Central Business, District,  
Birkirkara CBD 1070,  
MALTA

· Further information obtainable from: sds@mgchemicals.com

### · 1.4 Emergency telephone number:

Members of the public seeking specific information on poisons should contact:

In England and Wales: NHS 111 - dial 111

In Scotland: NHS 24 - dial 111

Verisk 3E (Access code: 335388)

+(44) 20 3514787

+(1) 760 476 3961

UK Toll free: +(0) 800 680 0425

## SECTION 2: Hazards identification

### · 2.1 Classification of the substance or mixture

· Classification according to Regulation (EC) No 1272/2008



GHS02 flame

Flam. Liq. 2

H225 Highly flammable liquid and vapour.

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# Safety data sheet

## according to UK REACH

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GHS08 health hazard

Carc. 2	H351 Suspected of causing cancer.
Repr. 2	H361 Suspected of damaging fertility or the unborn child.
STOT RE 2	H373 May cause damage to the liver and the hearing organs through prolonged or repeated exposure.
Asp. Tox. 1	H304 May be fatal if swallowed and enters airways.



GHS07

Skin Irrit. 2	H315 Causes skin irritation.
Eye Irrit. 2	H319 Causes serious eye irritation.
STOT SE 3	H336 May cause drowsiness or dizziness.
Aquatic Chronic 3	H412 Harmful to aquatic life with long lasting effects.

## 2.2 Label elements

### Labelling according to Regulation (EC) No 1272/2008

The product is classified and labelled according to the GB CLP regulation.

#### Hazard pictograms



GHS02



GHS07



GHS08

#### Signal word Danger

#### Hazard-determining components of labelling:

acetone  
xylene  
ethylbenzene  
toluene

#### Hazard statements

H225 Highly flammable liquid and vapour.  
H315 Causes skin irritation.  
H319 Causes serious eye irritation.  
H351 Suspected of causing cancer.  
H361 Suspected of damaging fertility or the unborn child.  
H336 May cause drowsiness or dizziness.  
H373 May cause damage to the liver and the hearing organs through prolonged or repeated exposure.  
H304 May be fatal if swallowed and enters airways.  
H412 Harmful to aquatic life with long lasting effects.

#### Precautionary statements

P102 Keep out of reach of children.  
P201 Obtain special instructions before use.  
P260 Do not breathe mist/vapours/spray.  
P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.  
P331 Do NOT induce vomiting.  
P308+P313 IF exposed or concerned: Get medical advice/attention.  
P501 Dispose of contents and container in accordance with local, regional, and national regulations.

#### Additional information:

EUH066 Repeated exposure may cause skin dryness or cracking.

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· **2.3 Other hazards**

· **Results of PBT and vPvB assessment**

- **PBT:** Not applicable.
- **vPvB:** Not applicable.

· **Determination of endocrine-disrupting properties** Endocrine Disruptor substance  $\geq 0.1\%$  = none

## SECTION 3: Composition/information on ingredients

· **3.2 Mixtures**

· **Description:** Mixture of substances listed below with nonhazardous additions.

· <b>Dangerous components:</b>		
CAS: 67-64-1 EINECS: 200-662-2 Index number: 606-001-00-8	acetone ⚠ Flam. Liq. 2, H225; ⚠ Eye Irrit. 2, H319; STOT SE 3, H336, EUH066	41%
CAS: 1330-20-7 EINECS: 215-535-7 Index number: 601-022-00-9	xylene ⚠ Flam. Liq. 3, H226; ⚠ Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315	19–22%
CAS: 108-65-6 EINECS: 203-603-9 Index number: 607-195-00-7	2-methoxy-1-methylethyl acetate ⚠ Flam. Liq. 3, H226; ⚠ STOT SE 3, H336	4–6%
CAS: 100-41-4 EINECS: 202-849-4 Index number: 601-023-00-4	ethylbenzene ⚠ Flam. Liq. 2, H225; ⚠ STOT RE 2, H373; Asp. Tox. 1, H304; ⚠ Acute Tox. 4, H332	4–5%
CAS: 108-88-3 EINECS: 203-625-9 Index number: 601-021-00-3	toluene ⚠ Flam. Liq. 2, H225; ⚠ Repr. 2, H361d; STOT RE 2, H373; Asp. Tox. 1, H304; ⚠ Skin Irrit. 2, H315; STOT SE 3, H336	<0.5%

· **Additional information:** For the wording of the listed hazard phrases refer to section 16.

## SECTION 4: First aid measures

· **4.1 Description of first aid measures**

· **General information:**

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

· **After inhalation:**

Remove person to fresh air and keep comfortable for breathing.  
If feeling unwell: Call a POISON CENTRE or doctor.  
If exposed or concerned: Get medical advice/attention.

· **After skin contact:**

Wash with plenty water.  
If skin irritation or rash occurs: Get medical advice or attention.  
Take off contaminated clothing and wash it before reuse.  
Take off immediately all contaminated clothing.  
Wash with plenty of soap and water.  
If exposed or concerned: Get medical advice or attention.

· **After eye contact:**

Rinse cautiously with water for 20 minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
If eye irritation persists: Get medical advice or attention.

· **After swallowing:**

Immediately call a POISON CENTRE/doctor.  
Rinse mouth.  
Do NOT induce vomiting.  
A person vomiting while laying on their back should be turned onto their side.  
If exposed or concerned: Get medical advice or attention.

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· **4.2 Most important symptoms and effects, both acute and delayed**

No further relevant information available.

· **4.3 Indication of any immediate medical attention and special treatment needed**

No further relevant information available.

## **SECTION 5: Firefighting measures**

· **5.1 Extinguishing media**

· **Suitable extinguishing agents:**

CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

· **5.2 Special hazards arising from the substance or mixture**

During heating or in case of fire poisonous gases are produced.

Vapors are heavier than air. Vapors may travel to sources of ignition near the ground. They can cause flash fire or ignite explosively.

Prevent fire-fighting wash from entering waterway or sewer system.

· **Hazardous combustion products:** Carbon Oxides (CO<sub>x</sub>)

· **5.3 Advice for firefighters**

· **Protective equipment:** Wear self-contained breathing apparatus and full fire-fighting turn-out gear.

## **SECTION 6: Accidental release measures**

· **6.1 Personal precautions, protective equipment and emergency procedures**

Wear protective equipment. Keep unprotected persons away.

Ensure adequate ventilation

Remove or keep away all sources of extreme heat or open flames.

Do not breathe the mist/vapors/spray/fumes.

· **6.2 Environmental precautions:**

Avoid release to the environment.

Do not allow to enter sewers/ surface or ground water.

· **6.3 Methods and material for containment and cleaning up:**

Collect waste in a sealable waste container.

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Collect liquid in a sealable, chemical-resistant container.

Wash residue with a paper towel and place dirty towels in container.

Use soap and water to remove the last traces of residue.

· **6.4 Reference to other sections**

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

## **SECTION 7: Handling and storage**

· **7.1 Precautions for safe handling**

Ensure good ventilation/exhaustion at the workplace.

Wear protective gloves and eye protection.

Wash hands and exposed skin thoroughly after handling.

Take off contaminated clothing and wash it before reuse.

Obtain, read and follow all safety instructions before use.

Do not breathe mist, vapours, spray.

· **Information about fire - and explosion protection:**

Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

Keep respiratory protective device available.

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Use explosion-proof apparatus / fittings and spark-proof tools.  
Ground and bond container and receiving equipment.

· **7.2 Conditions for safe storage, including any incompatibilities**

· **Storage:**

· **Requirements to be met by storerooms and receptacles:**

Store in a cool location.

Keep in a dry and clean area, away from incompatible substances

· **Information about storage in one common storage facility:** Not required.

· **Further information about storage conditions:**

Keep container tightly sealed.

Store in cool, dry conditions in well sealed receptacles.

Store locked up.

· **7.3 Specific end use(s)** See section 1.2

## SECTION 8: Exposure controls/personal protection

· **8.1 Control parameters**

· <b>Ingredients with limit values that require monitoring at the workplace:</b>	
<b>67-64-1 acetone</b>	
WEL	Short-term value: 3620 mg/m <sup>3</sup> , 1500 ppm Long-term value: 1210 mg/m <sup>3</sup> , 500 ppm
<b>1330-20-7 xylene</b>	
WEL	Short-term value: 441 mg/m <sup>3</sup> , 100 ppm Long-term value: 220 mg/m <sup>3</sup> , 50 ppm Sk; BMGV
<b>108-65-6 2-methoxy-1-methylethyl acetate</b>	
WEL	Short-term value: 548 mg/m <sup>3</sup> , 100 ppm Long-term value: 274 mg/m <sup>3</sup> , 50 ppm Sk
<b>100-41-4 ethylbenzene</b>	
WEL	Short-term value: 552 mg/m <sup>3</sup> , 125 ppm Long-term value: 441 mg/m <sup>3</sup> , 100 ppm Sk
<b>108-88-3 toluene</b>	
WEL	Short-term value: 384 mg/m <sup>3</sup> , 100 ppm Long-term value: 191 mg/m <sup>3</sup> , 50 ppm Sk
· <b>Ingredients with biological limit values:</b>	
<b>1330-20-7 xylene</b>	
BMGV	650 mmol/mol creatinine Medium: urine Sampling time: post shift Parameter: methyl hippuric acid

· **Additional information:**

The lists valid during the making were used as basis.

Refer to the national or regional occupational exposure limit regulation for abbreviations and acronyms.

· **8.2 Exposure controls**

· **Appropriate engineering controls** No further data; see section 7.

· **Individual protection measures, such as personal protective equipment**

· **General protective and hygienic measures:**

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing

Wash hands before breaks and at the end of work.

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Store protective clothing separately.  
Do not inhale gases / fumes / aerosols.  
Avoid contact with the eyes and skin.

· **Respiratory protection:**

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

Advice should be sought from respiratory protection specialists.

If the product is heated or worker has a known allergic reaction, consider using a full mask with organic vapor cartridge or with an independent air supply.

· **Hand protection**

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.



Protective gloves: EN374

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

· **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. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

· **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/face protection**



Safety glasses or tightly sealed goggles: EN 166

**SECTION 9: Physical and chemical properties**

· **9.1 Information on basic physical and chemical properties**

· <b>Physical state</b>	Liquid
· <b>Form:</b>	Low viscosity
· <b>Colour:</b>	Clear
· <b>Odour:</b>	Ether-like
· <b>Odour threshold:</b>	Not determined.
· <b>Melting point/freezing point:</b>	Undetermined.
· <b>Boiling point or initial boiling point and boiling range</b>	≥56 °C
· <b>Flammability</b>	Highly flammable.
· <b>Lower and upper explosion limit</b>	
· <b>Lower:</b>	1 Vol % (1330-20-7 xylene)
· <b>Upper:</b>	13 Vol % (67-64-1 acetone)
· <b>Flash point:</b>	-17 °C (67-64-1 acetone)
· <b>Auto-ignition temperature:</b>	315 °C (108-65-6 2-methoxy-1-methylethyl acetate)
· <b>Decomposition temperature:</b>	Not determined.
· <b>pH</b>	Not determined.
· <b>Viscosity:</b>	
· <b>Kinematic viscosity at 40 °C</b>	<20.5 mm²/s
· <b>Dynamic:</b>	Not determined.

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<ul style="list-style-type: none"> <li>· <b>Solubility</b> <ul style="list-style-type: none"> <li>· water: Partly miscible.</li> </ul> </li> <li>· <b>Partition coefficient n-octanol/water (log value)</b> Not determined.</li> <li>· <b>Vapour pressure at 20 °C:</b> 175 hPa</li> <li>· <b>Vapour pressure at 50 °C:</b> 800 hPa</li> <li>· <b>Relative density at 25 °C:</b> 0.89</li> <li>· <b>Vapour density (air=1):</b> &gt;2</li> <li>· <b>Particle characteristics</b> Not applicable.</li> </ul>	
<ul style="list-style-type: none"> <li>· <b>9.2 Other information</b> <ul style="list-style-type: none"> <li>· <b>Important information on protection of health and environment, and on safety.</b> <ul style="list-style-type: none"> <li>· <b>Ignition temperature:</b> Product is not selfigniting.</li> <li>· <b>Explosive properties:</b> Product is not explosive. However, formation of explosive air/vapour mixtures are possible.</li> </ul> </li> <li>· <b>Solvent content:</b> <ul style="list-style-type: none"> <li>· <b>Organic solvents:</b> 66.5–&lt;74.5 %</li> <li>· <b>VOC (EC)</b> 66.5–&lt;74.5 %</li> <li>· <b>Solids content:</b> 31–36 %</li> </ul> </li> <li>· <b>Evaporation rate</b> Not determined.</li> </ul> </li> </ul>	
<ul style="list-style-type: none"> <li>· <b>Information with regard to physical hazard classes</b> <ul style="list-style-type: none"> <li>· <b>Flammable liquids</b> Highly flammable liquid and vapour.</li> </ul> </li> </ul>	

## SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available.
- **10.2 Chemical stability** Chemically stable at normal temperatures and pressures.
  - **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions** No dangerous reactions known.
- **10.4 Conditions to avoid** Avoid open flames, excessive heat, sparks, ignition sources, and incompatible substances.
- **10.5 Incompatible materials:** Strong oxidizing agents  
Strong acids  
Strong bases
- **10.6 Hazardous decomposition products:** No dangerous decomposition products known.  
Hazardous combustion products: see section 5.

## SECTION 11: Toxicological information

- **11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**
  - **Acute toxicity** Based on available data, the classification criteria are not met.

· <b>LD/LC50 values relevant for classification:</b>		
<b>ATE (Acute Toxicity Estimates)</b>		
Dermal	LD50	9,091–10,526 mg/kg (rabbit)
Inhalative	LC50/4 h	40.7–47.8 mg/L
<b>67-64-1 acetone</b>		
Oral	LD50	5,800 mg/kg (rat)

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Dermal	LD50	>7,426 mg/kg (rabbit)
Inhalative	LC50/ 3 h	132 mg/L (rat)
<b>1330-20-7 xylene</b>		
Oral	LD50	4,300 mg/kg (rat)
Dermal	LD50	2,000 mg/kg (rabbit)
Inhalative	LC50/4 h	11 mg/L (ATE)
	LC50/4 h	4,000 ppm (rat)
<b>108-65-6 2-methoxy-1-methylethyl acetate</b>		
Oral	LD50	8,532 mg/kg (rat)
Dermal	LD/50	5 g/kg (rabbit)
Inhalative	LC50/4 h	35.7 mg/L (rat)
<b>100-41-4 ethylbenzene</b>		
Oral	LD50	3,500 mg/kg (rat)
Dermal	LD50	17,800 mg/kg (rabbit)
Inhalative	LC50/4 h	11 mg/L (ATE)
<b>108-88-3 toluene</b>		
Oral	LD50	5,000 mg/kg (rat)
Dermal	LD50	12,124 mg/kg (rabbit)
Inhalative	LC50/4 h	5,320 mg/L (mouse)

- **Primary irritant effect:**
  - **Skin corrosion/irritation** Causes skin irritation.
  - **Serious eye damage/irritation** Causes serious eye irritation.
  - **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.
- **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
- **Carcinogenicity** Suspected of causing cancer.
- **Reproductive toxicity** Suspected of damaging fertility or the unborn child.
- **STOT-single exposure** May cause drowsiness or dizziness.
- **STOT-repeated exposure** May cause damage to the liver and the hearing organs through prolonged or repeated exposure.
- **Aspiration hazard** May be fatal if swallowed and enters airways.
- **Summary of Effects and Symptoms by Routes of Exposure**
  - **Eyes:**
    - redness, serious irritation
    - pain
    - blurred vision
  - **Skin:**
    - dry skin
    - redness, irritation
  - **Inhalation:**
    - dizziness or drowsiness
    - irritation of the respiratory tract
  - **Swallowed:**
    - abdominal pain
    - nausea, vomiting
    - burning sensation
    - see inhalation symptoms
- **Additional toxicological information:**
  - **Delayed and immediate effects as well as chronic effects from short and long-term exposure**
    - Chronic inhalation exposure may affect the central nervous system and lead to hearing loss with co-exposure to loud noises.
    - Prolonged or repeated exposure may defat skin and cause skin dryness and cracking, and local redness and discomfort.

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· **11.2 Information on other hazards**

· <b>Endocrine disrupting properties</b>
None of the ingredients is listed.

## SECTION 12: Ecological information

· **12.1 Toxicity**

· <b>Aquatic toxicity:</b>
<b>67-64-1 acetone</b>
EC50/ 48 h   13,500 mg/L (daphnia)
LC50 96h   5,540 mg/L (trout)
<b>1330-20-7 xylene</b>
LC50 96h   2.5 mg/L (fish) category 2
<b>100-41-4 ethylbenzene</b>
LC50 96h   4.2 mg/L (trout)
LC50/ 48 h   2.9 mg/L (daphnia)

· **12.2 Persistence and degradability** No further relevant information available.

· **12.3 Bioaccumulative potential** No further relevant information available.

· **12.4 Mobility in soil** No further relevant information available.

· **12.5 Results of PBT and vPvB assessment**

- **PBT:** Not applicable.
- **vPvB:** Not applicable.

· **12.6 Endocrine disrupting properties**

The product does not contain substances with endocrine disrupting properties.

· **12.7 Other adverse effects**

- **Remark:** Harmful to fish
- **Additional ecological information:**
  - **General notes:**  
Harmful to aquatic organisms  
Water hazard class 3 (German Regulation) (Self-assessment): extremely hazardous for water  
Do not allow product to reach ground water, water course or sewage system, even in small quantities.  
Danger to drinking water if even extremely small quantities leak into the ground.

## SECTION 13: Disposal considerations

· **13.1 Waste treatment methods**

- **Recommendation** This material and its container must be disposed of as hazardous waste.

· <b>European waste catalogue</b>
HP3   Flammable
HP4   Irritant - skin irritation and eye damage
HP5   Specific Target Organ Toxicity (STOT)/Aspiration Toxicity
HP14   Ecotoxic

· **Uncleaned packaging:**

- **Recommendation:**  
Containers may still present a chemical hazard/ danger when empty.  
Dispose of contents in accordance with all local, regional, national, and international regulations.



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Where possible retain label warnings and SDS and observe all notices pertaining to the product.  
· **Recommended cleansing agents:** Water, if necessary together with cleansing agents.

## SECTION 14: Transport information

· 14.1 UN number or ID number	
· ADR, IMDG, IATA	UN1263
· 14.2 UN proper shipping name	
· ADR, IMDG	PAINT
· IATA	Paint
· 14.3 Transport hazard class(es)	
· ADR, IMDG, IATA	
	
· Class	3 Flammable liquids.
· Label	3
· 14.4 Packing group	
· ADR, IMDG, IATA	II
· 14.5 Environmental hazards:	Not applicable.
· 14.6 Special precautions for user	Not applicable.
· Hazard identification number (Kemler code):	33
· EMS Number:	F-E, S-E
· Stowage Category	B
· 14.7 Maritime transport in bulk according to IMO instruments	Not applicable.
· Transport/Additional information:	
	Limited Quantity
	422B-55ML, 422B-1L, 422B-4L, 422BPX-4L
· ADR	
· Limited quantities (LQ)	5L
· Excepted quantities (EQ)	Code: E2 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 ml
· Transport category	2
· Tunnel restriction code	D/E
· IMDG	
· Limited quantities (LQ)	5L

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· <b>Excepted quantities (EQ)</b>	Code: E2 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 ml
· <b>UN "Model Regulation":</b>	UN 1263 PAINT, 3, II

## SECTION 15: Regulatory information

### · 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

#### · Poisons Act

· <b>Regulated explosives precursors (Part 1)</b>
None of the ingredients is listed.
· <b>Regulated poisons (Part 2)</b>
None of the ingredients is listed.
· <b>Reportable explosives precursors (Part 3)</b>
67-64-1   acetone   Listed
· <b>Reportable poisons (Part 4)</b>
None of the ingredients is listed.

#### · Directive 2012/18/EU

- **Named dangerous substances - ANNEX I** None of the ingredients is listed.
- **Seveso category P5c FLAMMABLE LIQUIDS**
- **Qualifying quantity (tonnes) for the application of lower-tier requirements** 5,000 t
- **Qualifying quantity (tonnes) for the application of upper-tier requirements** 50,000 t
- **REGULATION (EC) No 1907/2006 ANNEX XVII** Conditions of restriction: 3, 48

· <b>DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II</b>
None of the ingredients is listed.

### · 15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

## SECTION 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.

#### · Relevant phrases

- H225 Highly flammable liquid and vapour.
- H226 Flammable liquid and vapour.
- H304 May be fatal if swallowed and enters airways.
- H312 Harmful in contact with skin.
- H315 Causes skin irritation.
- H319 Causes serious eye irritation.
- H332 Harmful if inhaled.
- H336 May cause drowsiness or dizziness.
- H361d Suspected of damaging the unborn child.
- H373 May cause damage to organs through prolonged or repeated exposure.
- EUH066 Repeated exposure may cause skin dryness or cracking.

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# Safety data sheet

## according to UK REACH

Printing date 30.09.2024

Version number 6.01 (replaces version 6.00)

Revision: 27.07.2024

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· Classification according to Regulation (EC) No 1272/2008	
Flammable liquids	On basis of test data
Skin corrosion/irritation Serious eye damage/irritation Carcinogenicity Reproductive toxicity Specific target organ toxicity (single exposure) Specific target organ toxicity (repeated exposure) Aspiration hazard Hazardous to the aquatic environment - long-term (chronic) aquatic hazard	The classification of the mixture is generally based on the calculation method using substance data according to Regulation (EC) No 1272/2008.

· **Department issuing SDS:** Regulatory department

· **Contact:** sds@mgchemicals.com

· **Date of previous version:** 26.07.2024

· **Version number of previous version:** 6.00

· **Abbreviations and acronyms:**

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

VOC: Volatile Organic Compounds (USA, EU)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

ATE: Acute toxicity estimate values

Flam. Liq. 2: Flammable liquids – Category 2

Flam. Liq. 3: Flammable liquids – Category 3

Acute Tox. 4: Acute toxicity – Category 4

Skin Irrit. 2: Skin corrosion/irritation – Category 2

Eye Irrit. 2: Serious eye damage/eye irritation – Category 2

Carc. 2: Carcinogenicity – Category 2

Repr. 2: Reproductive toxicity – Category 2

Repr. 2: Reproductive toxicity – Category 2

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2

Asp. Tox. 1: Aspiration hazard – Category 1

Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3

· **\* Data compared to the previous version altered.**