

SAFETY DATA SHEET

According to Annex II to REACH Regulation 2020/878 and to Annex II to UK REACH

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

1.1 Product identifier

- Product Name: Marbocote Mould Cleaner
- Product Part Number: MC0009

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

- Use of the substance/mixture: Industrial Mould Cleaner

1.3 Details of the supplier of the safety data sheet

- Name of Supplier: Marbocote Ltd
- Address of Supplier: Unit 9,
Dalton Way
Middlewich
Cheshire
CW10 0HU
UK
- Telephone: +44 (0) 1606 738 737
- Email: Info@marbocote.co.uk

1.4 Emergency telephone number

- Emergency Telephone: +44 (0) 7764930560

SECTION 2: Hazards identification

The product is classified as hazardous pursuant to the provisions set forth in (EC) Regulation 1272/2008 (CLP) (and subsequent amendments and supplements). The product thus requires a safety datasheet that complies with the provisions of (EU) Regulation 2020/878.

2.1 Classification of the substance or mixture

- CLP: Asp. Tox. 1, STOT SE 3, Flam. Liq. 2, Skin Irrit. 2, Eye Irrit. 2, Repr. 2, STOT RE 2, Aquatic Chronic 2

2.2 Label elements



SECTION 2: Hazards identification (....)

- Signal Word: Danger

Hazard statements

- H225 - Highly flammable liquid and vapour.
- H361d - Suspected of damaging the unborn child.
- H335 - May cause respiratory irritation.
- H373 - May cause damage to organs through prolonged or repeated exposure.
- H315 - Causes skin irritation.
- H319 - Causes serious eye irritation.
- H304 - May be fatal if swallowed and enters airways.
- H411 - Toxic to aquatic life with long lasting effects.
- H336 - May cause drowsiness or dizziness.

Precautionary statements

- P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- P243 - Take action to prevent static discharges.
- P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.
- P271 - Use only outdoors or in a well-ventilated area.
- P273 - Avoid release to the environment.
- P403+P233 - Store in a well-ventilated place. Keep container tightly closed.
- P501 - Dispose of contents/container to hazardous waste

2.3 Other hazards

- The product does not contain substances with endocrine disrupting properties in concentration $\geq 0.1\%$.
- Vapours are heavier than air and may travel considerable distances to a source of ignition and flashback
- Take precautionary measures against static discharges

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Hydrocarbons, C9, aromatics

- CAS Number: None
- EC Number: 918-668-5
- Concentration: 25 - 35%
- Categories: STOT SE 3, Asp. Tox. 1
- Symbols: GHS02, GHS07, GHS08, GHS09
- H Statements: H226, H336, H335, H304, H411

butanone; ethyl methyl ketone

- CAS Number: 78-93-3

SECTION 3: Composition/information on ingredients (....)

EC Number: 201-159-0

Concentration: 30 - 40%

Categories: Eye Irrit. 2, STOT SE 3

Symbols: GHS02;GHS07;F; Xi

H Statements: H225;H319;H336;EUH066

toluene

CAS Number: 108-88-3

EC Number: 203-625-9

Concentration: 30 - 40%

Categories: Skin Irrit. 2, Repr. 2, STOT SE 3, STOT RE 2

Symbols: GHS02, GHS07, GHS08

H Statements: H225;H361d **;H304;H373 **,H315;H336;

SECTION 4: First aid measures**4.1 Description of first aid measures**

Contact with eyes

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Contact with skin

IF ON SKIN: Wash with plenty of soap and water.

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

Ingestion

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

Do NOT induce vomiting.

Inhalation

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

4.2 Most important symptoms and effects, both acute and delayed

- Specific information on symptoms and effects caused by the product are unknown.

4.3 Indication of any immediate medical attention and special treatment needed

- No information available

4.4 General

- In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible)
- IF exposed or concerned: Get medical advice/attention.

SECTION 4: First aid measures (....)

- Call a POISON CENTRE or doctor if you feel unwell.
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SECTION 5: Firefighting measures

5.1 Extinguishing media

- In case of fire use foam, carbon dioxide or dry agent - never use water

5.2 Special hazards arising from the substance or mixture

- Vapours may ignite
- May give off noxious and toxic fumes in a fire
- In case of fire, do not breathe fumes

5.3 Advice for firefighters

- Vapours are heavier than air and may travel considerable distances to a source of ignition and flashback
 - Wear full protective clothing including chemical protection suit
 - Wear Breathing Apparatus
-

SECTION 6: Accidental release measures

Vapours may ignite

6.1 Personal precautions, protective equipment and emergency procedures

- Evacuate the area
- Shut off all ignition sources
- Shut off source of leak if safe to do so
- Wear eye/face protection

6.2 Environmental precautions

- Do not allow to enter public sewers and watercourses
- Use appropriate containment to avoid environmental contamination
- Avoid release to the environment.

6.3 Methods and material for containment and cleaning up

- Ventilate area
- Absorb spillage in suitable inert material
- Collect as much as possible in clean container for reuse or disposal
- Remove contaminated material to safe location for subsequent disposal
- To clean the floor and all objects contaminated by this material use soap and water

6.4 Reference to other sections

SECTION 6: Accidental release measures (....)

- See Section 8 & 13
-

SECTION 7: Handling and storage

7.1 Precautions for safe handling

- Use only in well ventilated areas
- Keep away from sources of ignition - No Smoking
- Take action to prevent static discharges.
- Avoid contact with skin and eyes
- Wash thoroughly after handling.
- Wear protective gloves/protective clothing/eye protection/face protection.

7.2 Conditions for safe storage, including any incompatibilities

- Keep only in the original container
- Protect from sunlight. Store in a well-ventilated place.
- Keep away from oxidisers, heat, flames or ignition sources
- Store in a well-ventilated place. Keep container tightly closed.

7.3 Specific end use(s)

- See Section 1.2
-

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Hydrocarbons, C9, aromatics

DNEL (Industry; dermal, long term systemic effects): 25 mg/kg

DNEL (Industry; inhalational, long term systemic effects): 150 mg/m³

100 mg/m³ (8 hour TWA)

19 ppm (8 hour TWA)

butanone; ethyl methyl ketone

DNEL (Industry; dermal, long term systemic effects): 1161 mg/kg bw/day

DNEL (Industry; inhalational, long term systemic effects): 600 mg/m³

600 mg/m³ (8 hour TWA)

200 ppm (8 hour TWA)

PNEC (Fresh water): 55.8 mg/l

PNEC (Marine water): 55.8 mg/l

PNEC (STP): 709 mg/l

SECTION 8: Exposure controls/personal protection (....)

PNEC (Soil): 22.5 mg/kg

PNEC (intermittent): 55.8 mg/l

toluene

DNEL (Industry; dermal, long term systemic effects): 384 mg/kg bw/day

DNEL (Industry; inhalational, long term systemic effects): 192 mg/m³

50 ppm (8 hour TWA)

191 mg/m³ (8 hour TWA)

PNEC (Fresh water): 0.68 mg/l

PNEC (Marine water): 0.68 mg/l

PNEC (intermittent): 0.68 mg/l

PNEC (STP): 13.61 mg/l

PNEC (Sediment; fresh water): 16.39 mg/l

PNEC (Sediment; marine water): 16.39 mg/kg

PNEC (Soil): 2.89 mg/l

8.2 Environmental exposure controls

- Do not allow to enter public sewers and watercourses
- Dispose of this material and its container at hazardous or special waste collection point

8.3 Exposure controls

- Wear protective gloves/protective clothing/eye protection/face protection.

8.4 Occupational exposure controls

- Protective gloves complying with EN374
- Wear neoprene or nitrile gloves
- In case of insufficient ventilation, wear suitable respiratory equipment
- Where an air-purifying respirator is suitable, use EN141 or EN405, type A
- Wear eye/face protection
- Wear suitable protective clothing
- After contact with skin, wash immediately with plenty of water

8.5 Precautionary measures

- Vapours are heavier than air and may travel considerable distances to a source of ignition and flashback
- Take action to prevent static discharges.

SECTION 9: Physical and chemical properties

SECTION 9: Physical and chemical properties (....)

9.1 Information on basic physical and chemical properties

- Appearance: Liquid
- Colour: colourless
- Odour: Characteristic odour
- Melting point - not known
- Boiling Point/Range: >80°C
- Flammability: No information available
- Lower explosive limit: 7.0% (in air)
- Upper explosive limit: 0.7% (in air)
- Flashpoint: <10°C
- Decomposition temperature: No information available
- pH - not known
- Kinematic viscosity: not known mm²/s
- Solubility in water: immiscible with water
- Partition coefficient : n-Octanol/water - not known
- Vapour pressure - not known
- Density: 0.838 - 0.858 g/cm³ at 20 °C
- Vapour density - not known
- Particle characteristics: Not applicable
- Partition coefficient : n-Octanol/water - not known

9.2 Other information

Information with regard to physical hazard classes

No information available

Other safety characteristics

Volatile Organic Compound Content 848g/l

SECTION 10: Stability and reactivity

10.1 Reactivity

- No hazardous reactions known if used for its intended purpose

10.2 Chemical stability

- Considered stable under normal conditions

10.3 Possibility of hazardous reactions

- Vapours are heavier than air and may travel considerable distances to a source of ignition and flashback

10.4 Conditions to avoid

SECTION 10: Stability and reactivity (....)

- Keep away from heat and sources of ignition

10.5 Incompatible materials

- Incompatible with strong oxidizing substances

10.6 Hazardous decomposition products

- Decomposition products may include carbon oxides
 - Smoke from fires is toxic
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SECTION 11: Toxicological information

11.1 Information on toxicological effects

Hydrocarbons, C9, aromatics

LD₅₀ (oral, rat): 3492 mg/kg

LD₅₀ (dermal, rabbit): >3160 mg/kg

LC₅₀ (inhalation, rat): >6193 mg/l/4h

butanone; ethyl methyl ketone

LD₅₀ (oral, rat): 3460 mg/kg

LD₅₀ (dermal, rabbit): 5000 mg/kg

LC₅₀ (inhalation, rat): >7500 mg/l/4h

toluene

LD₅₀ (oral, rat): 5580 mg/kg

LD₅₀ (dermal, rabbit): 5000 mg/kg

LC₅₀ (inhalation, rat): 28.1 mg/l/4h

11.2 Skin corrosion/irritation

- Prolonged skin contact will result in defatting of the skin, leading to irritation, and in some cases, dermatitis

11.3 Serious eye damage/irritation

- Irritating to eyes

11.4 Inhalation

- No information available

11.5 Ingestion

- May be harmful if swallowed and enters airways.

11.6 Carcinogenicity

SECTION 11: Toxicological information (....)

- No evidence of carcinogenic effects

11.7 Germ cell mutagenicity

- No evidence of mutagenic effects

11.8 Teratogenicity

- No evidence of reproductive effects
- Suspected of damaging the unborn child.
- Pregnant women should not be exposed to this product
- STOT Single Exposure
 - May cause drowsiness or dizziness.
 - May cause respiratory irritation.
- STOT Repeated Exposure
 - May cause damage to organs through repeated or prolonged exposure
- Aspiration hazard
 - May be fatal if swallowed and enters airways.

11.9 Information on other hazards

- Based on the available data, the product does not contain substances listed in the main European lists of potential or suspected endocrine disruptors with human health effects under evaluation
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SECTION 12: Ecological information**12.1 Toxicity**

Hydrocarbons, C9, aromatics

IC₅₀ (algae): 2.9 mg/l (72 hr)

EC₅₀ (daphnia): 3.2 mg/l (48 hr)

LC₅₀ (fish): 9.2 mg/l (96 hr)

butanone; ethyl methyl ketone

EC₅₀ (daphnia): 308 mg/l (48 hr)

LC₅₀ (fish): 2993 mg/l (96 hr)

toluene

IC₅₀ (algae): 10 mg/l (72 hr)

EC₅₀ (daphnia): 3.78 mg/l (48 hr)

LC₅₀ (fish): 5.5 mg/l (96 hr)

12.2 Persistence and degradability

SECTION 12: Ecological information (....)

- Readily biodegradable

12.3 Bioaccumulative potential

- No information available

12.4 Mobility in soil

- No information available

12.5 Results of PBT and vPvB assessment

- This product is not, or does not contain a substance that is a PBT or a vPvB in percentage greater than 0.1%

12.6 Endocrine disrupting properties

- Based on the available data, the product does not contain substances listed in the main European lists of potential or suspected endocrine disruptors with environmental effects under evaluation

12.7 Other adverse effects

- None
-

SECTION 13: Disposal considerations

13.1 Waste treatment methods

- Disposal should be in accordance with local, state or national legislation
 - Dispose of this material and its container at hazardous or special waste collection point
 - Do not discharge into drains or the environment, dispose to an authorised waste collection point
-

SECTION 14: Transport information

14.1 UN number or ID number

- UN No.: 1993

14.2 UN proper shipping name

- ADR/RID
Proper Shipping Name: FLAMMABLE LIQUID, N.O.S. (Alkyl C3 benzenes, cymenes mixture)
- IMDG
Proper Shipping Name: FLAMMABLE LIQUID, N.O.S. (Alkyl C3 benzenes, cymenes mixture)

SECTION 14: Transport information (....)

- IATA

Proper Shipping Name: FLAMMABLE LIQUID, N.O.S. (Alkyl C3 benzenes, cymenes mixture)

14.3 Transport hazard class(es)

- ADR/RID

ADR Hazard Class: 3

- IMDG

IMDG Hazard Class: 3

- IATA

ICAO Hazard Class: 3

14.4 Packing group

- ADR/RID

Packing group II

- IMDG

Packing group II

- IATA

Packing group II

14.5 Environmental hazards

- ADR/RID

ENVIRONMENTALLY HAZARDOUS

- IMDG

Marine pollutant

- IATA

ENVIRONMENTALLY HAZARDOUS

14.6 Special precautions for user

- ADR/RID

Hazard ID: 33

Tunnel Code: D/E

Limited Quantities: 1L

- IMDG

IMDG EmS: F-E, S-E

Limited Quantities: 1L

- IATA

Cargo:

SECTION 14: Transport information (....)

Max Qty: 60L

Packaging instructions: 364

Pass:

Max Qty: 5L

Packaging instructions: 353

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

- Not applicable
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SECTION 15: Regulatory information**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

- All components of this preparation are registered on the European Inventory of Existing Chemical Substances (EINECS)
- Seveso Category – Directive 2012/18/EC:
- P5c - E2
- Restrictions relating to the product or contained substances pursuant to Annex XVII to EC regulation 1907/2006
- Point:3,40,48
- Substances in Candidate List (Art.59 REACH)
- This product is not, or does not contain a substance that is a PBT or a vPvB in percentage greater than 0.1%
- Substances subject to authorization (Annex XIV REACH)
- None
- Substances subject to exportation reporting pursuant to (EC) Reg. 649/2012.
- None

15.2 Chemical safety assessment

- This product is either exempt from REACH or does not meet the minimum volume threshold for a chemical safety assessment (CSA)
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SECTION 16: Other information

Text not given with phrase codes where they are used elsewhere in this safety data sheet:- EUH066: Repeated exposure may cause skin dryness or cracking. H225: Highly flammable liquid and vapour. H226: Flammable liquid and vapour. H304: May be fatal if swallowed and enters airways. H315: Causes skin irritation. H319: Causes serious eye irritation. H335: May cause respiratory irritation. H336: May cause drowsiness or dizziness. H361d: Suspected of damaging the unborn child. H373: May cause damage to organs through prolonged or repeated exposure. H411: Toxic to aquatic life with long lasting effects. GHS02: flame. GHS07: exclamation mark. GHS08: health hazard.

The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. 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 other process.

SECTION 16: Other information (...)

--- end of safety datasheet ---
