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**SAFETY DATA SHEET**

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This Safety Data Sheet is provided in compliance with the EC Regulation 1907/2006-2015/830

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**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: Cleaning agent

## 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
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**SECTION 2: Hazards identification**

## 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



- 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.
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**SECTION 2: Hazards identification (....)**

- 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**

- Vapours are heavier than air and may travel considerable distances to a source of ignition and flashback
  - Take precautionary measures against static discharges
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**SECTION 3: Composition/information on ingredients****3.2 Mixtures**

- Hydrocarbons, C9, aromatics
    - CAS Number: None
    - EC Number: 918-668-5
    - Concentration: 30 - 40%
    - 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
    - EC Number: 201-159-0
    - Concentration: 30 - 40%
    - Categories: Eye Irrit. 2, STOT SE 3
    - Symbols: GHS02;GHS07;F; Xi
    - R/H Phrases: H225;H319;H336;EUH066;R11;R36;R66;R67
  - toluene
    - CAS Number: 108-88-3
    - EC Number: 203-625-9
    - Concentration: 20 - 30%
    - Categories: Skin Irrit. 2, Repr. 2, STOT SE 3, STOT RE 2
    - Symbols: GHS02;GHS08;GHS07;F; Xn
    - R/H Phrases: H225;H361d \*\*\*;H304;H373 \*\*;H315;H336;R11;R38;R48/20;R63;R65;R67
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**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.
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**SECTION 4: First aid measures (....)**

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

## 4.2 Most important symptoms and effects, both acute and delayed

- Contact with eyes  
Causes severe irritation
- Contact with skin  
Causes irritation
- Ingestion  
Harmful: may cause lung damage if swallowed
- Inhalation  
May cause drowsiness

## 4.3 Indication of any immediate medical attention and special treatment needed

- Contact with eyes  
IF exposed or concerned: Get medical advice/attention.
- Contact with skin  
If skin irritation or rash occurs: Get medical advice/attention.
- Ingestion  
Seek immediate medical attention
- Inhalation  
IF exposed or concerned: Get medical advice/attention.

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

Vapours may ignite

## 6.1 Personal precautions, protective equipment and emergency procedures

- Evacuate the area
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**SECTION 6: Accidental release measures (....)**

- 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

- See Section 8 & 13
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**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
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**SECTION 8: Exposure controls/personal protection**

## 8.1 Control parameters

- Hydrocarbons, C9, aromatics
    - DNEL (dermal): 25 mg/kg
    - DNEL (inhalational): 150 mg/m<sup>3</sup>
    - DNEL (oral): No information available
  - butanone; ethyl methyl ketone
    - DNEL (dermal): 1161 mg/kg
    - DNEL (inhalational): 600 mg/m<sup>3</sup>
    - DNEL (oral): No information available
    - Substance identified as having national workplace exposure limit
    - 600 mg/m<sup>3</sup> (8 hour TWA)
    - 200 ppm (8 hour TWA)
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**SECTION 8: Exposure controls/personal protection (....)**

- toluene
  - DNEL (dermal): 384 mg/kg
  - DNEL (inhalational): 192 mg/m<sup>3</sup>
  - DNEL (oral): No information available
  - Substance identified as having national workplace exposure limit
  - 50 ppm (8 hour TWA)
  - 191 mg/m<sup>3</sup> (8 hour TWA)

**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.

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**SECTION 9: Physical and chemical properties****9.1 Information on basic physical and chemical properties**

- Appearance: clear, colourless, Liquid
- Odour: Characteristic odour
- Melting point - not known
- Boiling Point/Range: >80°C
- Flashpoint: <10°C
- Flammability: No information available
- Evaporation rate - not known
- Lower explosive limit: 7.0 % (in air)
- Upper explosive limit: 0.7 % (in air)
- Vapour pressure - not known
- Vapour density - not known
- Partition coefficient : n-Octanol/water - not known
- Autoignition Temperature: >400°C
- Viscosity: No information available
- Solubility in water: immiscible with water
- Oxidising Properties: None
- Explosive Properties: None

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

- Specific Gravity: 0.838 - 0.858 g/cm<sup>3</sup>

## 9.2 Other information

- Volatile Organic Compound Content 848g/l
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**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

- 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**

Aspiration hazard

May cause drowsiness or dizziness.

## 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): >2193 mg/kg  
LD50 (dermal, rabbit): >5000 mg/kg  
LC50 (inhalation, rat): 34 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 Contact with skin

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

## 11.3 Contact with eyes

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**SECTION 11: Toxicological information (....)**

- Irritating to eyes

**11.4 Inhalation**

- No information available

**11.5 Ingestion**

- May be harmful if swallowed and enters airways.

**11.6 Carcinogenicity**

- No evidence of carcinogenic effects

**11.7 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.

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**SECTION 12: Ecological information****12.1 Toxicity**

- Hydrocarbons, C9, aromatics
  - IC50 (algae): 2.6 - 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
  - IC50 (algae): 2993 mg/l (72 hr)
  - EC50 (daphnia): 308 mg/l (48 hr)
  - LC50 (fish): 1972 mg/l (96 hr)
- toluene
  - EC50 (daphnia): 3.78 mg/l (48 hr)
  - LC50 (fish): 5.5 mg/l (96 hr)

**12.2 Persistence and degradability**

- 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.

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**SECTION 12: Ecological information (....)**

## 12.6 Other adverse effects

- None

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**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

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**SECTION 14: Transport information**

## 14.1 UN 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:
- IATA
  - Proper Shipping Name:

## 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

- Marine Pollutant
- ENVIRONMENTALLY HAZARDOUS

## 14.6 Special precautions for user



**SECTION 14: Transport information (....)**

- ADR/RID
  - Hazard ID: 33
  - Tunnel Code: D/E
- IMDG
  - IMDG EmS: F-E, S-E

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)
- This Safety Data Sheet is provided in compliance with the EC Regulation 1907/2006-2015/830

15.2 Chemical safety assessment

- A chemical safety assessment is not required under REACH
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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. R11: Highly Flammable. R36: Irritating to eyes. R38: Irritating to skin. R48/20: Harmful: danger of serious damage to health by prolonged exposure through inhalation. R63: Possible risk of harm to the unborn child. R65: Harmful: may cause lung damage if swallowed. R66: Repeated exposure may cause skin dryness or cracking. R67: Vapours may cause drowsiness and dizziness.

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.

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