

# SAFETY DATA SHEET

Graffiti Magic RAIL SAFE GRAFFITI REMOVER

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Compilation date: 06.04.22

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Revision No: 1

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

### 1.1. Product identifier

**Product name:** Graffiti Magic RAIL SAFE GRAFFITI REMOVER

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

**Use of substance / mixture:** PC9a: Coatings and paints, thinners, paint removers.

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

**Company name:** Graffiti Magic

11 The Haven

Hythe

Kent

CT21 4PJ

United Kingdom

**Tel:** +44 (0) 7921949 181 **Email:** sales@graffitimagic.com

### 1.4. Emergency telephone number

**Emergency tel:** +44 (0) 7921 949181

## Section 2: Hazards identification

### 2.1. Classification of the substance or mixture

**Classification under CLP:** Acute Tox. 4: H302; Eye Dam. 1: H318; Flam. Liq. 1: H224; Repr. 1B: H360D; Skin Irrit. 2: H315; STOT SE 3: H335

**Most important adverse effects:** Extremely flammable liquid and vapour. Harmful if swallowed. Causes skin irritation. Causes serious eye damage. May cause respiratory irritation. May damage the unborn child.

### 2.2. Label elements

**Label elements:**

**Hazard statements:** H224: Extremely flammable liquid and vapour.

H302: Harmful if swallowed.

H315: Causes skin irritation.

H318: Causes serious eye damage.

H335: May cause respiratory irritation.

H360D: May damage the unborn child.

**Hazard pictograms:** GHS02: Flame

GHS05: Corrosion

[cont...]

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GHS07: Exclamation mark

GHS08: Health hazard



**Signal words:** Danger

**Precautionary statements:** P201: Obtain special instructions before use.

P202: Do not handle until all safety precautions have been read and understood.

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P233: Keep container tightly closed.

P240: Ground and bond container and receiving equipment.

P241: Use explosion-proof electrical/ventilating/lighting equipment.

P242: Use non-sparking tools.

P243: Take action to prevent static discharges.

P261: Avoid breathing fumes.

P264: Wash skin thoroughly after handling.

P270: Do not eat, drink or smoke when using this product.

P271: Use only outdoors or in a well-ventilated area.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P301+P310: IF SWALLOWED: Immediately call a POISON CENTER or doctor.

P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water .

P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P308+P313: IF exposed or concerned: Get medical advice/attention.

P332+P313: If skin irritation occurs: Get medical advice/attention.

P362: Take off contaminated clothing.

## 2.3. Other hazards

**Other hazards:** In use, may form flammable / explosive vapour-air mixture.

**PBT:** This product is not identified as a PBT/vPvB substance.

## Section 3: Composition/information on ingredients

### 3.2. Mixtures

[cont...]

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**Hazardous ingredients:**

N-METHYL-2-PYRROLIDONE - REACH registered number(s): 01-2119472430-46-0000

| EINECS    | CAS      | PBT / WEL | CLP Classification                                                           | Percent |
|-----------|----------|-----------|------------------------------------------------------------------------------|---------|
| 212-828-1 | 872-50-4 | -         | Repr. 1B: H360D; STOT SE 3: H335;<br>Skin Irrit. 2: H315; Eye Irrit. 2: H319 | 10-30%  |

BENZYL ALCOHOL - REACH registered number(s): 01-2119492630-38-0000

|           |          |   |                                        |        |
|-----------|----------|---|----------------------------------------|--------|
| 202-859-9 | 100-51-6 | - | Acute Tox. 4: H332; Acute Tox. 4: H302 | 10-30% |
|-----------|----------|---|----------------------------------------|--------|

ETHANOL - REACH registered number(s): 01-2119457610-43-0001

|           |         |                                                      |                    |        |
|-----------|---------|------------------------------------------------------|--------------------|--------|
| 200-578-6 | 64-17-5 | Substance with a Community workplace exposure limit. | Flam. Liq. 2: H225 | 10-30% |
|-----------|---------|------------------------------------------------------|--------------------|--------|

ORANGE TERPENES - REACH registered number(s): 01-2119529223-47-0000

|           |           |   |                                                                                                               |        |
|-----------|-----------|---|---------------------------------------------------------------------------------------------------------------|--------|
| 232-433-8 | 8028-48-6 | - | Skin Irrit. 2: H315; Skin Sens. 1: H317;<br>Aquatic Chronic 2: H411; Flam. Liq. 3:<br>H226; Asp. Tox. 1: H304 | 10-30% |
|-----------|-----------|---|---------------------------------------------------------------------------------------------------------------|--------|

ALCOHOLS, C9-11 ETHOXYLATED, <2.5EO - REACH registered number(s): 01-2119980051-45-0000

|         |            |   |                                      |       |
|---------|------------|---|--------------------------------------|-------|
| Polymer | 68439-46-3 | - | Acute Tox. 4: H302; Eye Dam. 1: H318 | 1-10% |
|---------|------------|---|--------------------------------------|-------|

COCOAMIDO PROPYL BETAINE

|           |            |   |                    |       |
|-----------|------------|---|--------------------|-------|
| 263-058-8 | 61789-40-0 | - | Eye Irrit. 2: H319 | 1-10% |
|-----------|------------|---|--------------------|-------|

METHANOL - REACH registered number(s): 01-2119433307-44-0030

|           |         |   |                                                                                                       |       |
|-----------|---------|---|-------------------------------------------------------------------------------------------------------|-------|
| 200-659-6 | 67-56-1 | - | Flam. Liq. 2: H225; Acute Tox. 3: H331;<br>Acute Tox. 3: H311; Acute Tox. 3: H301;<br>STOT SE 1: H370 | 1-10% |
|-----------|---------|---|-------------------------------------------------------------------------------------------------------|-------|

## Section 4: First aid measures

### 4.1. Description of first aid measures

**Skin contact:** Remove all contaminated clothes and footwear immediately unless stuck to skin.

Drench the affected skin with running water for 10 minutes or longer if substance is still on skin. Consult a doctor.

**Eye contact:** Bathe the eye with running water for 15 minutes. Consult a doctor.

**Ingestion:** Wash out mouth with water. Do not induce vomiting. If conscious, give half a litre of water to drink immediately. Consult a doctor.

**Inhalation:** Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

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

**Skin contact:** There may be irritation and redness at the site of contact.

**Eye contact:** There may be irritation and redness. The eyes may water profusely.

**Ingestion:** There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur. There may be vomiting.

[cont...]

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**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest.

**Delayed / immediate effects:** Immediate effects can be expected after short-term exposure.

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

**Immediate / special treatment:** Not applicable.

## Section 5: Fire-fighting measures

### 5.1. Extinguishing media

**Extinguishing media:** Alcohol or polymer foam. Carbon dioxide. Dry chemical powder. Use water spray to cool containers.

### 5.2. Special hazards arising from the substance or mixture

**Exposure hazards:** Highly flammable. In combustion emits toxic fumes of carbon dioxide / carbon monoxide. Forms explosive air-vapour mixture. Vapour may travel considerable distance to source of ignition and flash back.

### 5.3. Advice for fire-fighters

**Advice for fire-fighters:** Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

## Section 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

**Personal precautions:** Refer to section 8 of SDS for personal protection details. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Turn leaking containers leak-side up to prevent the escape of liquid. Eliminate all sources of ignition. Forms slippery surface with water.

### 6.2. Environmental precautions

**Environmental precautions:** Do not discharge into drains or rivers. Contain the spillage using bunding.

### 6.3. Methods and material for containment and cleaning up

**Clean-up procedures:** Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method. Do not use equipment in clean-up procedure which may produce sparks.

### 6.4. Reference to other sections

**Reference to other sections:** Refer to section 8 of SDS.

## Section 7: Handling and storage

### 7.1. Precautions for safe handling

**Handling requirements:** Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Do not handle in a confined space. Avoid the formation or spread of mists in the air. Smoking is forbidden. Use non-sparking tools.

[cont...]

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

**Storage conditions:** Store in a cool, well ventilated area. Keep container tightly closed. Keep away from sources of ignition. Prevent the build up of electrostatic charge in the immediate area.  
Ensure lighting and electrical equipment are not a source of ignition.

**Suitable packaging:** Must only be kept in original packaging.

**7.3. Specific end use(s)**

**Specific end use(s):** PC9a: Coatings and paints, thinners, paint removers.

**Section 8: Exposure controls/personal protection**

**8.1. Control parameters**

**Hazardous ingredients:**

**N-METHYL-2-PYRROLIDONE**

**Workplace exposure limits:**

**Respirable dust:**

| State | 8 hour TWA           | 15 min. STEL         | 8 hour TWA | 15 min. STEL |
|-------|----------------------|----------------------|------------|--------------|
| UK    | 40 mg/m <sup>3</sup> | 80 mg/m <sup>3</sup> | -          | -            |

**ETHANOL**

|    |                        |   |   |   |
|----|------------------------|---|---|---|
| UK | 1920 mg/m <sup>3</sup> | - | - | - |
|----|------------------------|---|---|---|

**METHANOL**

|    |                       |                       |   |   |
|----|-----------------------|-----------------------|---|---|
| UK | 266 mg/m <sup>3</sup> | 333 mg/m <sup>3</sup> | - | - |
|----|-----------------------|-----------------------|---|---|

**DNEL/PNEC Values**

**DNEL / PNEC** No data available.

**8.2. Exposure controls**

**Engineering measures:** Ensure there is sufficient ventilation of the area. Ensure lighting and electrical equipment are not a source of ignition.

**Respiratory protection:** Gas/vapour filter, type A: organic vapours (EN141).

**Hand protection:** Impermeable gloves.

**Eye protection:** Safety glasses. Ensure eye bath is to hand.

**Skin protection:** Impermeable protective clothing.

**Environmental:** Refer to specific Member State legislation for requirements under Community environmental legislation.

**Section 9: Physical and chemical properties**

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

**State:** Liquid

**Colour:** Amber.

**Odour:** Characteristic odour

[cont...]

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**Evaporation rate:** Slow  
**Oxidising:** Non-oxidising (by EC criteria)  
**Solubility in water:** Slightly soluble  
**Viscosity:** Non-viscous  
**Boiling point/range°C:** No data available.      **Melting point/range°C:** No data available.  
**Flammability limits %: lower:** No data available.      **upper:** No data available.  
**Flash point°C:** 23      **Part.coeff. n-octanol/water:** No data available.  
**Autoflammability°C:** No data available.      **Vapour pressure:** No data available.  
**Relative density:** 0.9      **pH:** Not applicable.  
**VOC g/l:** No data available.

**9.2. Other information**

**Other information:** No data available.

**Section 10: Stability and reactivity**

**10.1. Reactivity**

**Reactivity:** Stable under recommended transport or storage conditions.

**10.2. Chemical stability**

**Chemical stability:** Stable under normal conditions. Stable at room temperature.

**10.3. Possibility of hazardous reactions**

**Hazardous reactions:** Hazardous reactions will not occur under normal transport or storage conditions.  
Decomposition may occur on exposure to conditions or materials listed below.

**10.4. Conditions to avoid**

**Conditions to avoid:** Heat. Hot surfaces. Sources of ignition. Flames.

**10.5. Incompatible materials**

**Materials to avoid:** Strong oxidising agents. Strong acids.

**10.6. Hazardous decomposition products**

**Haz. decomp. products:** In combustion emits toxic fumes of carbon dioxide / carbon monoxide.

**Section 11: Toxicological information**

**11.1. Information on toxicological effects**

**Hazardous ingredients:**

**N-METHYL-2-PYRROLIDONE**

|        |     |      |       |       |
|--------|-----|------|-------|-------|
| DERMAL | RBT | LD50 | 8,000 | mg/kg |
| ORAL   | RAT | LD50 | 3,914 | mg/kg |

[cont...]

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**BENZYL ALCOHOL**

|     |     |      |      |       |
|-----|-----|------|------|-------|
| IVN | RAT | LD50 | 53   | mg/kg |
| ORL | MUS | LD50 | 1360 | mg/kg |
| ORL | RAT | LD50 | 1230 | mg/kg |

**ETHANOL**

|     |     |      |      |       |
|-----|-----|------|------|-------|
| IVN | RAT | LD50 | 1440 | mg/kg |
| ORL | MUS | LD50 | 3450 | mg/kg |
| ORL | RAT | LD50 | 7060 | mg/kg |

**METHANOL**

|         |     |         |       |       |
|---------|-----|---------|-------|-------|
| DERMAL  | RBT | LD50    | 15800 | mg/kg |
| ORAL    | RAT | LD50    | 5628  | mg/kg |
| VAPOURS | RAT | 4H LC50 | 64000 | ppmV  |

**Relevant hazards for product:**

| Hazard                        | Route | Basis                 |
|-------------------------------|-------|-----------------------|
| Acute toxicity (ac. tox. 4)   | ING   | Hazardous: calculated |
| Skin corrosion/irritation     | DRM   | Hazardous: calculated |
| Serious eye damage/irritation | OPT   | Hazardous: calculated |
| Reproductive toxicity         | --    | Hazardous: calculated |
| STOT-single exposure          | INH   | Hazardous: calculated |

**Symptoms / routes of exposure**

**Skin contact:** There may be irritation and redness at the site of contact.

**Eye contact:** There may be irritation and redness. The eyes may water profusely.

**Ingestion:** There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur. There may be vomiting.

**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest.

**Delayed / immediate effects:** Immediate effects can be expected after short-term exposure.

**Section 12: Ecological information**

**12.1. Toxicity**

**Hazardous ingredients:**

**N-METHYL-2-PYRROLIDONE**

|               |          |       |      |
|---------------|----------|-------|------|
| Daphnia magna | 48H EC50 | 2,000 | mg/l |
| FISH          | 96H LC50 | 4,000 | mg/l |

[cont...]

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**METHANOL**

|                                     |          |       |      |
|-------------------------------------|----------|-------|------|
| Daphnia magna                       | 48H EC50 | 24500 | mg/l |
| RAINBOW TROUT (Oncorhynchus mykiss) | 96H LC50 | 19000 | mg/l |

**12.2. Persistence and degradability**

**Persistence and degradability:** Biodegradable.

**12.3. Bioaccumulative potential**

**Bioaccumulative potential:** No bioaccumulation potential.

**12.4. Mobility in soil**

**Mobility:** Readily absorbed into soil.

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

**PBT identification:** This product is not identified as a PBT/vPvB substance.

**12.6. Other adverse effects**

**Other adverse effects:** Negligible ecotoxicity.

**Section 13: Disposal considerations**

**13.1. Waste treatment methods**

**Disposal operations:** Transfer to a suitable container and arrange for collection by specialised disposal company.

**Recovery operations:** Solvent reclamation/regeneration.

**Waste code number:** 07 07 99

**Disposal of packaging:** Dispose of as normal industrial waste.

**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

**Section 14: Transport information**

**14.1. UN number**

**UN number:** UN1993

**14.2. UN proper shipping name**

**Shipping name:** FLAMMABLE LIQUID, N.O.S.

**14.3. Transport hazard class(es)**

**Transport class:** 3

**14.4. Packing group**

**Packing group:** III

[cont...]



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**14.5. Environmental hazards**

**Environmentally hazardous:** No

**Marine pollutant:** No

**14.6. Special precautions for user**

**Special precautions:** No special precautions.

**Tunnel code:** D/E

**Transport category:** 3

**14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

**Transport in bulk:** Non-applicable

**Section 15: Regulatory information**

**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

**Specific regulations:** This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006. Control of Substances Hazardous to Health Regulations 2002 (COSHH).  
For use only by suitably trained individuals.

**15.2. Chemical Safety Assessment**

**Chemical safety assessment:** A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

**Section 16: Other information**

**Other information**

**Other information:** This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830.

\* indicates text in the SDS which has changed since the last revision.

Note N applies, full refining history is known and classification as a carcinogen is not required.

This safety data sheet is prepared in accordance with Commission Regulation (EC) No 1272/2008.

**Phrases used in s.2 and s.3:** H224: Extremely flammable liquid and vapour.

H225: Highly flammable liquid and vapour.

H226: Flammable liquid and vapour.

H301: Toxic if swallowed.

H302: Harmful if swallowed.

H304: May be fatal if swallowed and enters airways.

H311: Toxic in contact with skin.

H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

H318: Causes serious eye damage.

H319: Causes serious eye irritation.

[cont...]

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H331: Toxic if inhaled.

H332: Harmful if inhaled.

H335: May cause respiratory irritation.

H360D: May damage the unborn child.

H370: Causes damage to organs.

H411: Toxic to aquatic life with long lasting effects.

**Legal disclaimer:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.

