



SAFETY DATA SHEET

CCM 800 Graffiti / Paint Remover

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

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| <p>PRODUCT NO. APPLICATION SUPPLIER</p> | <p>CCM800 Graffiti / Paint remover CCM GmbH Diepenbroich 8 D-51491 Overath Germany</p> |
| | <p>Phone +49 (0) 2206 938590-0 Fax +49 2206 938590-99 E-Mail info@ccm-international.eu</p> |
| <p>EMERGENCY TELEPHONE</p> | <p>Poisson Control Center Mainz, phone +49 (0) 6131 19240</p> |

2 HAZARDS IDENTIFICATION

| | | |
|---|-------------------------------|---|
| CLASSIFICATION (1999/45) | Xi;R36. F;R11. R31, R67. | |
| CLASSIFICATION (EC 1272/2008) | Physical and Chemical Hazards | Flam. Liq. 2 - H225 |
| | Human health | EUH031;Eye Irrit. 2 - H319;STOT Single 3 - H336 |
| | Environment | Not classified. |
| LABEL IN ACCORDANCE WITH (EC) NO. 1272/2008 | | |



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|--|--|---|
| SIGNAL WORD | Danger | |
| HAZARD STATEMENTS | H225 H319 H336 | Highly flammable liquid and vapour. Causes serious eye irritation. May cause drowsiness or dizziness. |
| PRECAUTIONARY STATEMENTS | P102+405 P280 P264B P260e P370+380 | Store locked up. Keep out of reach of children. Wear protective gloves/protective clothing/eye protection/face protection. Wash with soap and water after handling. Do not breathe vapours. In case of fire: Evacuate area. |
| SUPPLEMENTARY PRECAUTIONARY STATEMENTS | P210 P233 P303+361+353 | Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Keep container tightly closed. IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. |

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| P304+340 P305+351+338 P312 P501E | IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a POISON CENTER or doctor/physician if you feel unwell. Wastes, including emptied containers, are controlled wastes and should be disposed of in accordance with regulations made under the Control of Pollution Act and the Environmental Protection Act. Do not allow into drains or water courses or dispose of where ground or surface water may be affected. |
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Supplemental Label Information (EU)

EUH031

Contact with acids liberates toxic gas.

ENVIRONMENT

The product is not expected to be hazardous to the environment.

HUMAN HEALTH

Splashes in the eyes may cause redness and irritation.

3 COMPOSITION/INFORMATION ON INGREDIENTS

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| 1-METHOXY-2-PROPANOL | 10-30% |
| CAS-No.: 107-98-2 | EC No.: 203-539-1 |
| Classification (EC 1272/2008) Flam. Liq. 3 - H226 STOT Single 3 - H336 | Classification (67/548/EEC) R10 R67 |
| BUTANONE | 5-10% |
| CAS-No.: 78-93-3 | EC No.: 201-159-0 |
| Classification (EC 1272/2008) Flam. Liq. 2 - H225 EUH066 Eye Irrit. 2 - H319 STOT Single 3 - H336 | Classification (67/548/EEC) F;R11 Xi;R36 R66 R67 |
| 2-(2-BUTOXYETHOXY)ETHANOL | 5-10% |
| CAS-No.: 112-34-5 | EC No.: 203-961-6 |
| Classification (EC 1272/2008) Eye Irrit. 2 - H319 | Classification (67/548/EEC) Xi;R36 |
| hydrocarbons C9-11, n-alkanes, isoalkanes, cyclics, <2% aromatics | 5-10% |
| CAS-No.: | EC No.: 919-857-5 |
| Classification (EC 1272/2008) Flam. Liq. 3 - H226 EUH066 STOT Single 3 - H336 Asp. Tox. 1 - H304 | Classification (67/548/EEC) Xn;R65. R10,R66. |
| surfactant | 1-5% |
| CAS-No.: | EC No.: |
| Classification (EC 1272/2008) Not classified. | Classification (67/548/EEC) Xi;R36/38. |

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| hydroxypropyl methyl cellulose CAS-No.: 9004-65-3 | EC No.: | <1% |
| Classification (EC 1272/2008) Not classified. | Classification (67/548/EEC) Not classified. | |

The Full Text for all R-Phrases and Hazard Statements is Displayed in Section 16

4 FIRST-AID MEASURES

GENERAL INFORMATION

Remove affected person from source of exposure. Provide fresh air, first-aid, warmth and rest.

Do not give victim anything to drink if they are unconscious. Get medical attention if any discomfort continues.

INHALATION

If unconscious or breathing is irregular place on their side in the recovery position and ensure their airways are clear.

Artificial respiration may be administered by suitably qualified first-aiders if the patient is unconscious or breathing is difficult.

Get immediate medical attention.

INGESTION

If swallowed do NOT induce vomiting.

Never give anything by mouth to an unconscious person. Rinse mouth thoroughly and seek medical attention if discomfort persists. Keep patient under observation.

SKIN CONTACT

Immediately remove contaminated clothing. Wash off promptly and flush contaminated skin with water. Promptly remove clothing if soaked through and flush skin with water. Launder clothing before re-use.

EYE CONTACT

Check for contact lenses which must be removed from the eyes before rinsing.

Promptly rinse eyes with plenty of clean water while lifting the eyelids.

Continue to rinse for at least 15 minutes. Continue until the eyes are free of all traces of contamination.

Get medical attention if any discomfort or irritation persists.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

Extinguish with foam, carbon dioxide, dry powder, sand, dolomite or other inert material. Do not use high pressure water jet as this may spread burning material.

SPECIFIC HAZARDS

In fire conditions this product may evolve gaseous oxides of carbon and nitrogen as well as giving off intense heat.

Burning material gives off dense smoke and fumes which may contain other toxic and harmful gases. Vapours are heavier than air and may travel along the floor and in the bottom of containers. Vapours may be ignited by a spark, a hot surface or an ember.

PROTECTIVE MEASURES IN FIRE

Wear self-contained breathing apparatus and full protective clothing. Keep all unnecessary people away. Fire water run-off must not be allowed to contaminate ground or enter drains, sewers or water courses. Provide bunding against fire water run-off.

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

Wear protective clothing (see Section 8).

ENVIRONMENTAL PRECAUTIONS

Do not discharge onto the ground or into water courses. Spillages or uncontrolled discharges into watercourses must be

IMMEDIATELY alerted to the Environmental Agency or other appropriate regulatory body. Ensure that waste and contaminated materials are collected and removed from the work area as soon as possible in a suitably labelled container.

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SPILL CLEAN UP METHODS

Keep combustibles away from spilled material. Absorb in vermiculite, sand, diatomaceous earth or other absorbent inert material. Place into clearly labelled container for recovery or disposal (see section 13). Rinse site with copious amounts of water, which should not be allowed into drains, sewers or water courses. Wash thoroughly after dealing with a spillage.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS

Use only with adequate ventilation. Do not breathe vapour or mist.

Keep away from heat, sparks or flame. Containers and equipment must be bonded to avoid static discharge. Use only electrical equipment suitable for explosive atmospheres. Avoid spilling, skin and eye contact. Wash thoroughly after handling.

STORAGE PRECAUTIONS

Store in tightly closed original container in a dry, cool and well-ventilated place. Keep away from heat, sparks and open flame. Keep away from food, drink and animal feeding stuffs.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

| Name | STD | TWA-8Hrs | | STEL-15Min | | Notes |
|--|-----|---------------------|---------------------|-------------|---------------|-------|
| 1-METHOXY-2-PROPANOL | WEL | 100ppm | 375mg/m3 | 150ppm | 560mg/m3 | Sk |
| 2-(2-BUTOXYETHOXY)ETHANOL | | 10ppm | 67.5mg/m3 | 15ppm | 101.2 mg/m3 | |
| BUTANONE | WEL | 200 ppm(Sk) | 600 mg/m3(Sk) | 300 ppm(Sk) | 899 mg/m3(Sk) | |
| hydrocarbonsC9-11,n-alkanes,isoalkanes, cyclics,<2%aromatics | WEL | | 1000mg/m3 | | | |
| hydroxypropylmethylcellulose | | 10mg/m3 inh.dust | 4mg/m3 resp.dust | | | |

WEL = Workplace Exposure Limit.

COSHH

Sk = Can be absorbed through skin.

STD

WEL = Workplace Exposure Limits

PROCESS CONDITIONS

Provide eyewash station.

ENGINEERING MEASURES

Provide adequate ventilation, including appropriate local extraction, to ensure that the defined occupational exposure limit is not exceeded.

RESPIRATORY EQUIPMENT

If ventilation is insufficient suitable respiratory protection must be provided.

Seek recommendations and advice from equipment manufacturer or supplier.

HAND PROTECTION

Suitable gloves may include Neoprene, nitrile or PVC.

EYE PROTECTION

Wear tightly fitting safety goggles conforming to EN166 Contact lenses should not be worn when working with this chemical!

OTHER PROTECTION

Use engineering controls to reduce air contamination to permissible exposure level. Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact. Provide eyewash station and safety shower.

HYGIENE MEASURES

Wash promptly if skin becomes contaminated. Promptly remove non-impervious clothing that becomes contaminated.

When using do not eat, drink or smoke.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE

Liquid

BOILING POINT (° C)

ca. 74° C

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FLASH POINT (° C) ca. -6° C

10 STABILITY AND REACTIVITY

STABILITY

Stable under normal conditions of storage and use. See section 7.

CONDITIONS TO AVOID

Avoid heat, flames and other sources of ignition. Avoid contact with acids.

MATERIALS TO AVOID

Strong acids.

HAZARDOUS DECOMPOSITION PRODUCTS

Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

DANGEROUS REACTIONS

Contact with hydrochloric acid and/or hydrogen chloride containing or producing materials may form carcinogenic chloromethyl ethers.

11 TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION

Health effects of this preparation as supplied have not been fully determined. The information below should be regarded as precautionary.

INHALATION

In high concentrations, vapours may irritate throat and respiratory system and cause coughing. Vapours have a narcotic effect and may cause headache, fatigue, dizziness and nausea.

INGESTION

Gastrointestinal symptoms, including upset stomach.

SKIN CONTACT

Can cause de-fatting and dryness of skin, leading to cracking and eczema. Unlikely to cause harm on brief or occasional contact, but prolonged or repeated exposure may lead to dermatitis.

EYE CONTACT

Irritating and may cause redness and pain. Eye contact with methanol or its vapour can cause blindness.

ROUTE OF ENTRY

Skin and/or eye contact.

12 ECOLOGICAL INFORMATION

ECOTOXICITY

The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

13 DISPOSAL CONSIDERATIONS

GENERAL INFORMATION

Empty containers may contain residual flammable vapours and product residue. Keep away from sparks, heat and sources of ignition. Labels should not be removed. Empty but unlaundered containers must be treated in the same manner as when full; labels should not be removed.

DISPOSAL METHODS

Product is classified as hazardous waste. Disposal of waste material and empty containers must be by means of a licensed waste contractor.

14 TRANSPORT INFORMATION

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|-------------------------|-----------------------------|
| PROPER SHIPPING NAME | PAINT RELATED MATERIAL |
| UN NO. ROAD | 1263 |
| ADR CLASS NO. | 3 |
| ADR CLASS | Class 3: Flammable liquids. |
| ADR PACK GROUP | II |
| TUNNEL RESTRICTION CODE | (D/E) |
| HAZARD No. (ADR) | 33 |
| ADR LABEL NO. | 3 |
| HAZCHEM CODE | •3YE |
| UN NO. SEA | 1263 |
| IMDG CLASS | 3 |
| IMDG PACK GR. | II |
| EMS | F-E, S-E |
| UN NO. AIR | 1263 |
| AIR CLASS | 3 |
| AIR PACK GR. | II |

15 REGULATORY INFORMATION

EU DIRECTIVES

EC Regulation 1272/2008: CLP (Classification, labelling and packaging of substances and mixtures).
 Dangerous Substances Directive 67/548/EEC.
 Dangerous Preparations Directive 1999/45/EC.
 EC Regulation 1907/2006 (as amended) : 'REACH'.

STATUTORY INSTRUMENTS

Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 SI No 716. (CHIP4).
 Control of Substances Hazardous to Health Regulations (as amended). (COSHH)
 Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2007. (CDG 2009)

GUIDANCE NOTES

Introduction to Local Exhaust Ventilation HS(G)37.
 The storage of flammable liquids in containers HSG51 (HSE 1998).
 COSHH essentials. 'Easy steps to control chemicals.' Only available on HSE's website and regularly updated at www.hse.gov.uk/pubns/guidance/index.htm

16 OTHER INFORMATION

REVISION DATE 05-Apr-11 - Rev 01:00897

HAZARD STATEMENTS IN FULL

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. , H319 Causes serious eye irritation. , H336 May cause drowsiness or dizziness.

DISCLAIMER

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 process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.