

Productname : GRAFFITI REMOVER
 Ref.Nr.: UDS000023_3_20120410

Creationdate : 10.04.12 Version : 1.0
 Replaces: BB12080

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

1.1. Product identifier

GRAFFITI REMOVER
 Bulk

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

Cleaners - Heavy duty

1.3. Details of the supplier of the safety data sheet

CRC Industries Europe bvba
 Touwslagerstraat 1
 9240 Zele
 Belgium
 Tel.: +32(0)52/45.60.11
 Fax.: +32(0)52/45.00.34
 E-mail : hse@crcind.com

| Subsidiaries | | Tel | Fax |
|---------------------------------|---|-------------------|------------------|
| CRC Industries Finland Oy | Laurinkatu 57 A 23 B, 08100 Lohja | +358/(19)32.921 | +358/(19)383.676 |
| CRC Industries France | 6, avenue du marais, B.P. 90028, 95102 Argenteuil Cedex | 01.34.11.20.00 | 01.34.11.09.96 |
| CRC Industries Deutschland GmbH | Südring 9, D-76473 Iffezheim | (07229) 303.0 | (07229)30 32 66 |
| CRC INDUSTRIES IBERIA S.L.U. | GREMIO DEL CUERO-PARC.96, POLIGONO INDUSTRI. DE HONTORIA, 40195 SEGOVIA | 0034/921.427.546 | 0034/921.436.270 |
| CRC Industries Sweden | Kryptogatan 14, 431 53 Mölndal | 0046/31 706 84 80 | 0046/31 27 39 91 |

1.4. Emergency telephone number

CRC Industries Europe, Belgium: Tel.: +32(0)52/45.60.11 (office hours)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to 67/548/EEC or 1999/45/EC:

Health: R36: Irritating to eyes.
Physical: Not classified
Environment: Not classified
Other hazards : Not classified



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2.2. Label elements

Warning symbol(s) : Xi : IRRITANT



Risk-phrase(s) : R36: Irritating to eyes.

Safety-phrase(s) : S2: Keep out of the reach of children.

S24/25: Avoid contact with skin and eyes.

S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S37/39: Wear suitable gloves and eye/face protection.

2.3. Other hazards

None

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable.

3.2. Mixtures

| Hazardous ingredient | CAS-nr. | EC-nr | w/w % | symbol | R-phrases* | Notes |
|--|----------|-----------|-------|--------|----------------|-------|
| triethanolamine | 102-71-6 | 203-049-8 | 1-10 | Xn | 48/22-41 | B |
| 2-butoxyethanol; ethylene glycol monobutyl ether; butyl cellosolve | 111-76-2 | 203-905-0 | 1-10 | Xn | 20/21/22-36/38 | A |
| propan-2-ol; isopropyl alcohol ;isopropanol | 67-63-0 | 200-661-7 | 1-10 | F,Xi | 11-36-67 | B |

Explanation notes

A : substance with Community workplace exposure limit

B : substance with national established workplace exposure limit

| Hazardous ingredient | Registration number | CAS-nr. | EC-nr | w/w % | Hazard Class and Category | Hazard statement | Notes |
|--|---------------------|----------|-----------|-------|---|--------------------------|-------|
| 2-butoxyethanol; ethylene glycol monobutyl ether; butyl cellosolve | | 111-76-2 | 203-905-0 | 1-10 | Acute Tox. 4, Acute Tox. 4, Acute Tox. 4, Eye Irrit. 2, Skin Irrit. 2 | H332,H312,H302,H319,H315 | A |
| propan-2-ol; isopropyl alcohol ;isopropanol | 01-2119457558-25 | 67-63-0 | 200-661-7 | 1-10 | Flam. Liq. 2, Eye Irrit. 2, STOT SE 3 | H225,H319,H336 | B |

Explanation notes

A : substance with Community workplace exposure limit

B : substance with national established workplace exposure limit

(* Explanation phrases : see chapter 16)

SECTION 4: First aid measures



CRC Industries Europe bvba

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4.1. Description of first aid measures

| | |
|----------------------------|---|
| Contact with eyes : | If substance has got into eyes, immediately wash out with water for at least 15 minutes Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical advice |
| Contact with skin : | Take off immediately all contaminated clothing. Wash with water and soap. Seek medical advice |
| Inhalation : | Fresh air, keep warm and at rest. Seek medical attention if ill effects occur |
| Ingestion : | If swallowed do not induce vomiting Seek medical advice |

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

| | |
|-----------------------|---|
| Inhalation : | May cause irritation. Symptoms : sore throat, cough |
| Ingestion : | May cause gastrointestinal disturbances Symptoms : sore throat, abdominal pain, nausea, vomiting |
| Skin contact : | Irritating to skin Symptoms : redness and pain |
| Eye contact : | Irritating to eyes Symptoms : redness and pain, impaired vision |

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

| | |
|-------------------------|---|
| General Advice : | If you feel unwell, seek medical advice (show the label where possible) If symptoms persist always call a doctor |
|-------------------------|---|

SECTION 5: Firefighting measures

5.1. Extinguishing media

foam, carbon dioxide or dry agent

5.2. Special hazards arising from the substance or mixture

May give off noxious and toxic fumes in a fire

5.3. Advice for firefighters

Keep container(s) exposed to fire cool, by spraying with water
In case of fire, do not breathe fumes
Wear breathing apparatus

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures



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Avoid contact with skin and eyes.
Ensure adequate ventilation
Wear suitable protective clothing including eye/face protection.

6.2. Environmental precautions

Do not allow to enter public sewers and watercourses
If polluted water reaches drainage systems or water courses, immediately inform appropriate authorities

6.3. Methods and material for containment and cleaning up

Absorb spillage in suitable inert material

6.4. Reference to other sections

For further information see section 8

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Do not breathe aerosols or vapours.
Ensure adequate ventilation
Avoid contact with skin and eyes.
Wash thoroughly after use
Wear protective gloves/protective clothing/eye protection/face protection.
Eyewash bottles should be available

7.2. Conditions for safe storage, including any incompatibilities

Keep container tightly closed, in a cool, well ventilated place.
Keep out of reach of children.

7.3. Specific end use(s)

Cleaners - Heavy duty

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limits :

| Hazardous ingredient | CAS-nr. | method |
|--|----------|------------|
| EU established exposure limits: | | |
| 2-butoxyethanol; ethylene glycol monobutyl ether; butyl cellosolve | 111-76-2 | TWA 20 ppm |



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| | | | |
|---|---------|------|---------|
| | | STEL | 50 ppm |
| propan-2-ol; isopropyl alcohol ;isopropanol | 67-63-0 | TWA | 400 ppm |
| | | STEL | 500 ppm |

8.2. Exposure controls

Control procedures : Ensure adequate ventilation
Personal protection : Take precautions to avoid contact with skin and eyes when handling the product.
Ensure adequate ventilation
inhalation : In case of insufficient ventilation, wear suitable respiratory equipment.
hands and skin : Wear suitable protective gloves against chemicals (polyvinylchloride)
eyes : Wear safety goggles.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Apperance : physical state : Gel.
colour : Colorless.
odour : Solvent.
pH : 9.0
Boiling point/range : >200 °C
Flash point : Not available.
Evaporation rate : Not available.
Explosion limits : upper limit : Not available.
lower limit : Not available.
Vapour pressure : Not available.
Relative density : 1.02 g/cm³.
Solubility in water : Partly soluble in water
Auto-ignition : Not available.
Viscosity : Not available.

9.2. Other information

SECTION 10: Stability and reactivity

10.1. Reactivity

No hazardous reactions known if used for its intended purpose

10.2. Chemical stability

Stable

10.3. Possibility of hazardous reactions



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

10.4. Conditions to avoid

heat

10.5. Incompatible materials

Strong oxidising agent

10.6. Hazardous decomposition products

CO,CO2

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Inhalation : May cause irritation.
Ingestion : May cause gastrointestinal disturbances
Skin contact : Irritating to skin
Eye contact : Irritating to eyes

Toxicological data :

| Hazardous ingredient | CAS-nr. | method | |
|---|---------|-----------------|-------------|
| propan-2-ol; isopropyl alcohol ;isopropanol | 67-63-0 | LD50 oral rat | >2000 mg/kg |
| | | LC50 inhal.rat | >20 mg/l |
| | | LD50 derm.rabit | >2000 mg/kg |

SECTION 12: Ecological information

12.1. Toxicity

Not classified

Ecotoxicological data:

| Hazardous ingredient | CAS-nr. | method | |
|---|---------|--------------|-----------|
| propan-2-ol; isopropyl alcohol ;isopropanol | 67-63-0 | IC50 algae | >100 mg/l |
| | | LC50 fish | >100 mg/l |
| | | EC50 daphnia | >100 mg/l |

12.2. Persistence and degradability



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No information available

12.3. Bioaccumulative potential

No information available

12.4. Mobility in soil

Partly soluble in water

12.5. Results of PBT and vPvB assessment

No information available

12.6. Other adverse effects

No information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product : This material and its container must be disposed of in a safe way.
Do not discharge into drains or the environment, dispose to an authorised waste collection point.

Contaminated packaging : Disposal should be in accordance with local, state or national legislation

SECTION 14: Transport information

14.1. UN number

UN-number : Not classified as hazardous for transport

14.2. UN proper shipping name

Proper shipping name: Not applicable.

14.3. Transport hazard class(es)

Class: Not applicable.
Subsidiary risk: Not applicable.
ADR/RID - Classification code: Not applicable.

14.4. Packing group

Packing group: Not applicable.

14.5. Environmental hazards



| | | | |
|----------------------|----------------------|-----------------------|------------------------|
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| | |
|--|----|
| ADR/RID - Environmentally hazardous: | No |
| IMDG - Marine pollutant: | No |
| IATA/ICAO - Environmentally hazardous: | No |

14.6. Special precautions for user

| | |
|-----------------------|-----------------|
| ADR/RID - Tunnelcode: | Not applicable. |
| IMDG - Ems: | Not applicable. |
| IATA/ICAO - PAX: | Not applicable. |
| IATA/ICAO - CAO | Not applicable. |

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

Not applicable.

SECTION 15: Regulatory information

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

The Safety Data Sheet is compiled according to the current European requirements.
EU-directive 99/45/EC
Regulation (EC) No 1907/2006 (REACH)

15.2. Chemical safety assessment

No information available

SECTION 16: Other information

| | |
|---------------------------------|---|
| *Explanation risk-phrases: | R11: Highly flammable. R36: Irritating to eyes. R41: Risk of serious damage to eyes. R67: Vapours may cause drowsiness and dizziness. R20/21/22: Harmful by inhalation, in contact with skin and if swallowed. R36/38: Irritating to eyes and skin. R48/22: Harmful: danger of serious damage to health by prolonged exposure if swallowed. |
| *Explanation hazard statements: | H225 : Highly flammable liquid and vapour. H302 : Harmful if swallowed. 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. |

This product should be stored, handled and used in accordance with good industrial hygiene practices and in conformity with any legal regulation.

The information contained herewith is based on the present state of our knowledge and is intended to describe



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