

Productname : GASKET REMOVER
Ref.Nr.: AB14710-3-311007
Creationdate : 31.10.07
Replaces: 24.07.06

1. IDENTIFICATION OF PRODUCT AND COMPANY

Productname : GASKET REMOVER
Aerosol

Application : Cleaners - Heavy duty

Company : CRC Industries Europe bvba
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Belgium
Tel.: (+32)(0)52/456011
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|----------------------------|--|--------------------|---------------------|
| CRC Industries Finland | Asemanrinne 13, 08500 Lohja AS | (+358)(0)19/32921 | (+358)(0)19/383676 |
| CRC Industries France | 12, Bld des Martyrs de Chateaubriant F-95102 Argenteuil Cédex | (+33)(0)1/34112000 | (+33)(0)1/34110996 |
| CRC Industries Deutschland | Südring 9, 76473 Iffezheim | (+49)(0)7229/3030 | (+49)(0)7229/303266 |
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| CRC Industries Sweden | Kryptongatan 14, 43153 Mölndal | (+46)(0)31/7068480 | (+46)(0)31/273991 |

2. HAZARD IDENTIFICATION

Health and Safety : Extremely Flammable
(DME propellant)
Irritating to eyes and skin.

Environment : Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Other hazards : Pressurized container : protect from sunlight and do not expose to temperatures exceeding 50°C.

3. COMPOSITION AND INFORMATION ON COMPONENTS

| Hazardous ingredient | CAS-nr | EINECS | w/w % | symbol | R-phrases* | Notes |
|---|------------|-----------|-------|--------|-------------------------|-------|
| methylal | 109-87-5 | | 30-60 | F | 11 | B |
| dimethyl ether | 115-10-6 | 204-065-8 | 30-60 | F+ | 12 | A |
| Solvent naphtha (petroleum), heavy arom. (benzene<0.1%) | 64742-94-5 | 265-198-5 | 1-5 | Xn,N | 51/53-65-66-67 | B |
| methanol | 67-56-1 | 200-659-6 | <3 | F,T | 11-23/24/25-39/23/24/25 | A |



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| Hazardous ingredient | CAS-nr | EINECS | w/w % | symbol | R-phrases* | Notes |
|--|----------|-----------|-------|--------|------------|-------|
| N-methyl-2-pyrrolidone | 872-50-4 | 212-828-1 | 10-30 | Xi | 36/38 | |
| Explanation notes | | | | | | |
| A : substance with Community workplace exposure limit | | | | | | |
| B : substance with national established workplace exposure limit | | | | | | |

(* Explanation risk-phrases : see chapter 16)

4. FIRST AID MEASURES

General Advice : If symptoms persist always call a doctor

Contact with eyes : If substance has got into eyes, immediately wash out with water for at least 15 minutes
Seek medical advice

Contact with skin : Remove contaminated clothing immediately and drench affected skin with plenty of water
Seek medical advice

Inhalation : Fresh air, keep warm and at rest.

Ingestion : Ingestion is unlikely to occur
If swallowed accidentally, do not induce vomiting and seek medical advice.

5. FIRE-FIGHTING MEASURES

Flash point (without propellant): < 0 °C (Closed Cup)

Explosion limits : upper limit : not available

lower limit : not available

Extinguishing media : foam, carbon dioxide or dry agent

Fire-fighting procedures : Keep container(s) exposed to fire cool, by spraying with water

Unusual exposure hazard : Aerosols may explode if heated above 50°C
In case of fire and/or explosion do not breathe fumes (S41)

6. ACCIDENTAL RELEASE MEASURES

Personal precautions : Shut off all ignition sources
Ensure adequate ventilation
Wear suitable protective clothing and gloves.

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



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Cleaning methods : Absorb spillage in suitable inert material

7. HANDLING AND STORAGE

Handling procedures :

- Use only in well ventilated areas
- Keep away from heat and sources of ignition
- Do not spray on a naked flame or incandescent material.
- Do not pierce or burn aerosols, even after use.
- Do not breathe aerosols or vapours.
- Avoid contact with skin and eyes.
- Eyewash bottles should be available

Storage procedures :

- Pressurized container : protect from sunlight and do not expose to temperatures exceeding 50°C.
- Keep in a cool, dry, well ventilated place
- Keep out of reach of children.

8. EXPOSURE CONTROL AND PERSONAL PROTECTION

Control procedures :

- Ensure adequate ventilation
- In case of fire, do not breathe fumes
- Keep away from heat and sources of ignition
- Take precautionary measures against static discharges

Personal protection :

- Use only in well ventilated areas
- It is advisable to take precautions to avoid contact with skin and eyes when handling the product.

inhalation :

- In case of insufficient ventilation, wear suitable respiratory equipment.
- (Filter type AX)

hands and skin :

- Wear suitable protective gloves
- (polyvinylalcohol)

eyes :

- Wear safety goggles.

Exposure limits :

| Hazardous ingredient | CAS-nr | method | |
|--|----------|--------|----------|
| EU established exposure limits: | | | |
| dimethyl ether | 115-10-6 | TWA | 1000 ppm |
| methanol | 67-56-1 | TWA | 200 ppm |

9. PHYSICAL AND CHEMICAL PROPERTIES (for aerosols without propellant)

Apperance : physical state : DME propelled liquid

colour : white

odour : solvent

Melting point/range : <-20 °C



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|---|--------------------------------------|
| Boiling point/range : | not available |
| Relative density : | 0.92 g/cm ³ (@ 20°C) |
| pH : | not applicable |
| Vapour pressure : | not available |
| Relative vapour density : | > 2 (@ 20°C) |
| Solubility in water : | Insoluble in water |
| Partition coefficient n-octanol/water: | not available |
| Flash point : | < 0 °C (Closed Cup) |
| Auto-ignition : | > 200 °C |
| Viscosity : | 700-1500 (thixotropic) mPas (@ 20°C) |
| Evaporation rate : | not available |

10. STABILITY AND REACTIVITY

| | |
|--|---|
| Conditions to be avoided : | Pressurized container : protect from sunlight and do not expose to temperatures exceeding 50°C. |
| Materials to be avoided : | Strong oxidising agent |
| Hazardous decomposition compounds : | CO,CO ₂ |

11. TOXICOLOGICAL INFORMATION

| | |
|-----------------------|--|
| Inhalation : | Excessive inhalation of solvent vapours may give rise to nausea, headaches and dizziness |
| Ingestion : | If swallowed accidentally, do not induce vomiting and seek medical advice. Contains methanol. |
| Skin contact : | Irritating to skin |
| Eye contact : | Irritating to eyes |

12. ECOLOGICAL INFORMATION

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|--------------------------------|---|
| Other adverse effects : | Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Do not allow to enter public sewers and watercourses |
|--------------------------------|---|

13. WASTE DISPOSAL

| | |
|------------------|---|
| Product : | Do not empty into drains. Disposal should be in accordance with local, state or national legislation |
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14. TRANSPORT

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|--------------------|------|
| UN-number : | 1950 |
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| Road/Rail - ADR/RID : | UN1950 Aerosols Class : 2, PG : NA, Class code : 5F, Label : 2.1 |
| Sea - IMDG : | UN1950 Aerosols Ltd Qty Class : 2.1, PG : NA, Label : 2.1 |
| EmS | F-D,S-U |
| Air - IATA/ICAO : | UN1950 Aerosols, flammable Class : 2.1, PG : NA, Label : RFG |
| Packing instr. LQ | Y203 |
| PAX | 203 |
| CAO | 203 |

15. REGULATORY INFORMATION

| | |
|----------------------------|---|
| Warning symbol(s) : | F+,Xi |
| Risk-phrase(s) : | R12: Extremely flammable. R36/38: Irritating to eyes and skin. R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. |
| Safety-phrase(s) : | S2: Keep out of the reach of children. S16: Keep away from sources of ignition - No smoking. S23: Do not breathe spray. S35: This material and its container must be disposed of in a safe way. S37/39: Wear suitable gloves and eye/face protection. S41: In case of fire and/or explosion do not breathe fumes. S51: Use only in well-ventilated areas. |

Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50°C.
Do not pierce or burn, even after use. Do not spray on a naked flame or any incandescent material.
Without adequate ventilation formation of explosive mixtures may be possible.

Regulation (EC) No 648/2004 on detergents: aromatic hydrocarbons < 5 %

16. OTHER INFORMATION

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 our products from the point of view of safety requirements. It does not guarantee any specific properties.

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***Explanation risk-phrases:**

R11: Highly flammable.
R12: Extremely flammable.
R23/24/25: Toxic by inhalation, in contact with skin and if swallowed.
R39/23/24/25: Toxic: danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed.
R36/38: Irritating to eyes and skin.
R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R65: Harmful: may cause lung damage if swallowed.
R66: Repeated exposure may cause skin dryness or cracking.
R67: Vapours may cause drowsiness and dizziness.

This Material Safety Data Sheet may already have been revised at this moment for reason such as legislation, availability of components and newly acquired experiences. The latest and only valid version of this Material Safety Data Sheet will be sent to you upon simple request or can be found on our website : www.crcind.com. We recommend you to register on this website for this product so you will be able to receive any future updated version automatically.