Regulation EC No 1907/2006 Art.31

1.0

Productname: ENTFETTER 65 Creationdate: 20.10.11 Version:

Ref.Nr.: BDS000276_3_20111020 **Replaces:** AB21130

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

1.1. Product identifier

ENTFETTER 65

Aerosol

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 byba 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 | Asemanrinne 13, 08500 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 INDUSTR. DE HONTORIA, 40195 SEGOVIA | 0034/921.427.546 | 0034/921.436.270 |
| CRC Industries Sweden | Kryptongatan 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: R66: Repeated exposure may cause skin dryness or cracking.



Regulation EC No 1907/2006 Art.31

1.0

Productname: ENTFETTER 65 Creationdate: 20.10.11 Version:

Ref.Nr.: BDS000276_3_20111020 **Replaces**: AB21130

R67: Vapours may cause drowsiness and dizziness.

Physical: EXTREMELY FLAMMABLE

Environment: not classified

2.2. Label elements

Warning symbol(s): EXTREMELY FLAMMABLE

Risk-phrase(s): R66: Repeated exposure may cause skin dryness or cracking.

R67: Vapours may cause drowsiness and dizziness.

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

S16: Keep away from sources of ignition - No smoking.

S23: Do not breathe vapours/spray. S51: Use only in well-ventilated areas.

Extra label elements according to Aerosol Dispenser Directive 75/324/EC:

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.

Other extra label elements: Remark: Preparations classified as harmful on the basis of an aspiration

hazard need not be labelled as harmful with R65 when placed on the market in aerosol containers or in containers fitted with a sealed spray attachment.

(EU-Directive 67/548 Annex VI 9.4)

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 |
|--|----------|-----------|-------|--------|-------------|-------|
| Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics | - | 919-857-5 | 50-75 | Xn | 10-65-66-67 | |
| 1-methoxy-2-propanol; monopropylene glycol methyl ether | 107-98-2 | 203-539-1 | 10-25 | | 10-67 | А |
| 2-methoxy-1-methylethyl acetate | 108-65-6 | 203-603-9 | <15 | Xi | 10-36 | Α |
| carbon dioxide | 124-38-9 | 204-696-9 | 1-5 | - | - | A,G |
| butan-2-ol | 78-92-2 | 201-158-5 | <5 | Xi | 10-36/37-67 | В |
| Explanation notes | | | | | | |



Regulation EC No 1907/2006 Art.31

1.0

Productname: ENTFETTER 65 Creationdate: 20.10.11 Version:

Ref.Nr.: BDS000276_3_20111020 **Replaces**: AB21130

A: substance with Community workplace exposure limit

B: substance with national established workplace exposure limit

G: exempted from the obligation to register in accordance with art.2(7)(a)of REACH Regulation No 1907/2006

| Hazardous ingredient | Registration number | CAS- nr. | EC-nr | w/w % | Hazard Class and Category | Hazard statement | Notes |
|--|----------------------|--------------|---------------|-----------|--|---------------------|-------|
| Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics | 01-2119463258- 33 | - | 919- 857-5 | 50- 75 | Flam. Liq. 3,Asp. Tox. 1,STOT SE 3 | H226,H304,H336 | |
| carbon dioxide | | 124- 38-9 | 204- 696-9 | 1-5 | Press. Gas | H280 | A,G |
| butan-2-ol | | 78-92- 2 | 201- 158-5 | <5 | Flam. Liq. 3,Eye Irrit. 2,STOT SE 3,STOT SE 3 | H226,H319,H335,H336 | В |

Explanation notes

A: substance with Community workplace exposure limit

B: substance with national established workplace exposure limit

G: exempted from the obligation to register in accordance with art.2(7)(a) of REACH Regulation No 1907/2006

SECTION 4: First aid measures

4.1. Description of first aid measures

Contact with eyes: If substance has got into eyes, immediately wash out with plenty of water

Seek medical attention if irritation persists

Contact with skin: Wash with water and soap.

Seek medical attention if irritation persists

Inhalation: Fresh air, keep warm and at rest.

Seek medical attention if ill effects occur

Ingestion: Ingestion is unlikely to occur

If swallowed do not induce vomiting because of risk of aspiration into the lungs. If aspiration is suspected obtain immediate medical attention

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

Inhalation: Excessive inhalation of solvent vapours may give rise to nausea, headaches

and dizziness

Ingestion: After vomiting of swallowed product aspiration into lungs is likely. Solvents

may induce chemical pneumonia.

Symptoms: sore throat, abdominal pain, nausea, vomiting

Skin contact: May cause irritation.

Symptoms: redness and pain

Eye contact : May cause irritation.

Symptoms: redness and pain

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



^{(*} Explanation phrases : see chapter 16)

Regulation EC No 1907/2006 Art.31

Productname: ENTFETTER 65 Creationdate: 20.10.11 Version: 1.0

Ref.Nr.: BDS000276_3_20111020 **Replaces**: AB21130

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

Aerosols may explode if heated above 50°C Forms hazardous decomposition products CO,CO2

5.3. Advice for firefighters

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

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

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

6.2. Environmental precautions

Do not allow to enter public sewers and watercourses

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

Keep away from heat and sources of ignition Take precautionary measures against static discharges



Regulation EC No 1907/2006 Art.31

Productname: ENTFETTER 65 Creationdate: 20.10.11 Version: 1.0

Ref.Nr.: BDS000276_3_20111020 **Replaces:** AB21130

Equipment should be earthed

Use explosion-proof electrical/ventilating/lighting/?/equipment.

Use only non-sparking tools.

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.

7.2. Conditions for safe storage, including any incompatibilities

Pressurized container : protect from sunlight and do not expose to temperatures exceeding 50°C. 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: | | | • |
| 1-methoxy-2-propanol; monopropylene glycol methyl ether | 107-98-2 | TWA | 100 ppm |
| | | STEL | 150 ppm |
| 2-methoxy-1-methylethyl acetate | 108-65-6 | TWA | 50 ppm |
| | | STEL | 100 ppm |
| carbon dioxide | 124-38-9 | TWA | 5000 ppm |
| National established exposure limits, United Kingdom | | | • |
| 1-methoxy-2-propanol; monopropylene glycol methyl ether | 107-98-2 | TWA | 100 ppm |
| | | STEL | 150 ppm |
| carbon dioxide | 124-38-9 | TWA | 5000 ppm |
| | | STEL | 15000 ppm |

8.2. Exposure controls

Control procedures : Ensure adequate ventilation

Keep away from heat and sources of ignition

Take precautionary measures against static discharges

Personal protection: Take precautions to avoid contact with skin and eyes when handling the



Regulation EC No 1907/2006 Art.31

Productname: ENTFETTER 65 Creationdate: 20.10.11 Version:

Ref.Nr.: BDS000276_3_20111020 Replaces: AB21130

product.

Ensure adequate ventilation

inhalation: In case of insufficient ventilation, wear suitable respiratory equipment.

Air purifying respirator equiped with organic gas/vapor cartridge (type A or

AX)

hands and skin: Wear suitable protective gloves

(neoprene)

eyes: Wear safety goggles.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Apperance: physical state: CO2 propelled liquid.

colour: Colorless.

odour :Sweet ether-like.pH :Not applicable.Boiling point/range :95-166 °C

Flash point: 25 °C (Closed Cup)

Evaporation rate: 19 (Ether=1)
Explosion limits: upper limit: Not available.
lower limit: Not available.
Vapour pressure: Not available.

Relative density: 0.81 g/cm3 (@ 20°C).

Solubility in water: Insoluble in water

Auto-ignition : $> 200 \, ^{\circ}\text{C}$

Viscosity: 0.76 mPa.s (@ 20°C).

9.2. Other information

VOC: 770 g/l

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

No hazardous reactions known if used for its intended purpose



Regulation EC No 1907/2006 Art.31

Productname: ENTFETTER 65

Creationdate: 20.10.11 Version: 1.0

Ref.Nr.:

BDS000276_3_20111020

Replaces: AB21130

10.4. Conditions to avoid

Avoid overheating

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 : | Inhalation of solvent vapours may give rise to nausea, headaches and dizziness |
|----------------|---|
| Ingestion : | After vomiting of swallowed product aspiration into lungs is likely. Solvents may induce chemical pneumonia. |
| Skin contact : | Prolonged skin contact will result in defatting of the skin, leading to irritation, and in some cases, dermatitis |
| Eye contact : | May cause irritation. |

Toxicological data:

No information available

SECTION 12: Ecological information

12.1. Toxicity

not classified

Ecotoxicological data:

No information available

12.2. Persistence and degradability

No experimental data available

12.3. Bioaccumulative potential



Ref.Nr.:

Regulation EC No 1907/2006 Art.31

Productname: **ENTFETTER 65**

20.10.11 Version: Creationdate: 1.0

BDS000276_3_20111020

AB21130 Replaces:

No experimental data available

12.4. Mobility in soil

Insoluble in water

12.5. Results of PBT and vPvB assessment

No information available

12.6. Other adverse effects

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: 1950

14.2. UN proper shipping name

AEROSOLS, flammable Proper shipping name:

14.3. Transport hazard class(es)

Class: 2.1 ADR/RID - Classification code: 5F

14.4. Packing group

Not applicable. Packing group:

14.5. Environmental hazards

ADR/RID - Environmentally hazardous:

No



Regulation EC No 1907/2006 Art.31

1.0

Productname: ENTFETTER 65 Creationdate: 20.10.11 Version:

Ref.Nr.: BDS000276_3_20111020 **Replaces**: AB21130

IMDG - Marine pollutant: No IATA/ICAO - Environmentally hazardous: No

14.6. Special precautions for user

| ADR/RID - Tunnelcode: | (D) |
|-----------------------|---------|
| IMDG - Ems: | F-D,S-U |
| IATA/ICAO - PAX: | 203 |
| IATA/ICAO - CAO | 203 |

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.

Dir. 2008/47/EC amendment of the aerosol dispenser directive 75/324/EEC.

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: R10: Flammable.

R36: Irritating to eyes.

R65: Harmful: may cause lung damage if swallowed.

R66: Repeated exposure may cause skin dryness or cracking.

R67: Vapours may cause drowsiness and dizziness. R36/37: Irritating to eyes and respiratory system.

*Explanation hazard statements: H226: Flammable liquid and vapour.

 $\mbox{H280}$: Contains gas under pressure; may explode if heated.

H304: May be fatal if swallowed and enters airways.

H319: Causes serious eye irritation. H335: May cause respiratory irritation. 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 our products from the point of view of safety requirements. It does not guarantee any specific



Regulation EC No 1907/2006 Art.31

Productname: ENTFETTER 65

Creationdate: 20.10.11 Version:

1.0

Ref.Nr.:

BDS000276_3_20111020

Replaces: AB21130

properties.

Apart from any fair dealing for purposes of study, research and review of health, safety and environmental risks, no part of these documents may be reproduced by any process without written permission from CRC.

