

Productname : VERDÜNNER 35
Ref.Nr.: BDS000076_3_20170629 (EN)

Creationdate : 29.06.17 Version : 2.0
Replaces: BDS000076_20110419

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier**

VERDÜNNER 35
Bulk

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

Thinner

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 | |
| CRC Industries France | 6, avenue du marais, C.S. 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 | Laxfiskevägen 16, 433 38 Partille | 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 Regulation (EC) No 1272/2008**

Physical: Flammable liquid, category 2
Highly flammable liquid and vapour.





| | | | |
|----------------------|---------------------------|-----------------------|------------------------|
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| | |
|------------------------|--|
| Health: | Eye irritation, category 2 Causes serious eye irritation. Specific target organ toxicity - single exposure, category 3 May cause drowsiness or dizziness. |
| Environment: | Not classified |
| Other hazards : | Repeated exposure may cause skin dryness or cracking. |
| Other hazards : | Not classified |

2.2. Label elements

Labelling according to Regulation (EC) No 1272/2008

| | |
|---|--|
| Product identifier: | butanone Index-N°: 606-002-00-3 |
| Hazard pictogram(s): |   |
| Signal word: | Danger |
| Hazard statement(s): | H225 : Highly flammable liquid and vapour. H319 : Causes serious eye irritation. H336 : May cause drowsiness or dizziness. |
| Precautionary statement(s): | P101 : If medical advice is needed, have product container or label at hand. P102 : Keep out of reach of children. P210 : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P233 : Keep container tightly closed. P271 : Use only outdoors or in a well-ventilated area. P305/351/338 : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337/313 : If eye irritation persists: Get medical advice/attention. P405 : Store locked up. P501-2 : Dispose of contents/container to an authorised waste collection point. |
| Supplemental Hazard information: | Repeated exposure may cause skin dryness or cracking. |

2.3. Other hazards

None

SECTION 3: Composition/information on ingredients

3.1. Substances

butanone; ethyl methyl ketone

| Hazardous ingredient | Registration number | CAS-nr. | EC-nr | w/w % | Hazard Class and Category | Hazard statement | Notes |
|----------------------|---------------------|---------|-------|-------|---------------------------|------------------|-------|
|----------------------|---------------------|---------|-------|-------|---------------------------|------------------|-------|



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| | | | | | | | |
|-------------------------------|------------------|---------|-----------|-----|---------------------------------------|----------------|---|
| butanone; ethyl methyl ketone | 01-2119457290-43 | 78-93-3 | 201-159-0 | 100 | Flam. Liq. 2, Eye Irrit. 2, STOT SE 3 | H225,H319,H336 | A |
|-------------------------------|------------------|---------|-----------|-----|---------------------------------------|----------------|---|

Explanation notes

A : substance with Community workplace exposure limit

(* Explanation phrases : see chapter 16)

3.2. Mixtures

Not applicable.

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 water for at least 15 minutes Remove contact lenses, if present and easy to do. Continue rinsing. 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 : | If swallowed do not induce vomiting Seek medical advice |

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 : | May cause gastrointestinal disturbances Symptoms : sore throat, abdominal pain, nausea, vomiting |
| Skin contact : | Mildly 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



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5.2. Special hazards arising from the substance or mixture

May form explosive vapour/air mixtures
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 including eye/face protection.

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
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.
Eyewash bottles should be available



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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)

Thinner

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limits :

| Hazardous ingredient | CAS-nr. | method | |
|--|---------|--------|---------|
| EU established exposure limits: | | | |
| butanone; ethyl methyl ketone | 78-93-3 | TWA | 200 ppm |
| | | STEL | 300 ppm |
| National established exposure limits, United Kingdom | | | |
| butanone; ethyl methyl ketone | 78-93-3 | TWA | 200 ppm |
| | | STEL | 300 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 product. Ensure adequate ventilation |
| inhalation : | In case of insufficient ventilation, wear suitable respiratory equipment. |
| recommended respiratory protection: | Air purifying respirator equipped with organic gas/vapor cartridge (type A) |
| hands and skin : | When handling the product wear chemical-resistant gloves (standard EN 374). |
| Recommended gloves: | (butyl rubber) The breakthrough time of the glove should be longer than the total duration of product use. If work lasts longer than the breakthrough time, gloves should be changed part-way through. Depending on amount and duration of use and the risk of contact with the product the gloves manufacturer can assist you in the selection of the right glove material and breakthrough time. |
| eyes : | Wear safety eyewear according to EN 166. |

SECTION 9: Physical and chemical properties



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9.1. Information on basic physical and chemical properties

Apperance : physical state : Liquid.
colour : Colorless.
odour : Solvent.
pH : Not applicable.
Boiling point/range : 80 °C
Flash point : - 6 °C (Closed Cup)
Evaporation rate : Not available.
Explosion limits : upper limit : 11.5 %
lower limit : 1.8 %
Vapour pressure : 105 mbar (@ 20°C)
Relative density : 0.8
Solubility in water : Insoluble in water
Auto-ignition : 404 °C
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

No hazardous reactions known if used for its intended purpose

10.4. Conditions to avoid

Avoid overheating

10.5. Incompatible materials

Strong oxidising agent

10.6. Hazardous decomposition products

CO,CO2



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SECTION 11: Toxicological information

11.1. Information on toxicological effects

| | |
|---|---|
| acute toxicity: | based on available data the classification criteria are not met |
| skin corrosion/irritation: | based on available data the classification criteria are not met |
| serious eye damage/irritation: | Causes serious eye irritation. |
| respiratory or skin sensitisation: | based on available data the classification criteria are not met |
| germ cell mutagenicity: | based on available data the classification criteria are not met |
| carcinogenicity: | based on available data the classification criteria are not met |
| toxicity for reproduction: | based on available data the classification criteria are not met |
| STOT-single exposure: | May cause drowsiness or dizziness. |
| STOT repeated exposure: | based on available data the classification criteria are not met |
| aspiration hazard: | based on available data the classification criteria are not met |

Information on likely routes of exposure:

| | |
|-----------------------|---|
| Inhalation : | Inhalation of solvent vapours may give rise to nausea, headaches and dizziness |
| Skin contact : | Prolonged skin contact will result in defatting of the skin, leading to irritation, and in some cases, dermatitis |
| Eye contact : | Irritating to eyes |

Toxicological data :

| Hazardous ingredient | CAS-nr. | method | |
|-------------------------------|---------|---------------|--------------|
| butanone; ethyl methyl ketone | 78-93-3 | LD50 oral rat | > 2000 mg/kg |

SECTION 12: Ecological information

12.1. Toxicity

Ecotoxicological data:

No information available

12.2. Persistence and degradability

No experimental data available

12.3. Bioaccumulative potential

No experimental data available



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12.4. Mobility in soil

Insoluble in water

12.5. Results of PBT and vPvB assessment

No information available

12.6. Other adverse effects

No experimental data 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 : 1193

14.2. UN proper shipping name

Proper shipping name: ETHYL METHYL KETON

14.3. Transport hazard class(es)

Class: 3
ADR/RID - Classification code: F1

14.4. Packing group

Packing group: II

14.5. Environmental hazards

ADR/RID - Environmentally hazardous: No



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

14.6. Special precautions for user

ADR/RID - Tunnelcode: (D/E)
IMDG - Ems: F-E, S-D
IATA/ICAO - PAX: 353
IATA/ICAO - CAO: 364

14.7. Transport in bulk according to Annex II of MARPOL 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.
Regulation (EC) No 1907/2006 (REACH)
Regulation (EC) No 1272/2008 (CLP)

15.2. Chemical safety assessment

No information available

SECTION 16: Other information

*Explanation hazard statements: H225 : Highly flammable liquid and vapour.
H319 : Causes serious eye irritation.
H336 : May cause drowsiness or dizziness.

REVISIONS IN CHAPTRE : 3.1. Substances
8.2. Exposure controls

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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