

| | | | |
|----------------------|---------------------------|-----------------------|------------------------|
| Productname : | SOLVENT DEGREASER | Creationdate : | 24.06.19 Version : 3.0 |
| Ref.Nr.: | UDS000460_3_20190624 (EN) | Replaces: | UDS000460_20170629 |

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

SOLVENT DEGREASER
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 UK Ltd.
Wylds Road
Castlefield Industrial Estate
TA6 4DD Bridgwater Somerset
United Kingdom
Tel.: +44 1278 727200
Fax.: +44 1278 425644
E-mail : hse.uk@crcind.com

1.4. Emergency telephone number

(+44)(0)1278 72 7200 (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 3 Flammable liquid and vapour. |
| Classification is based on test data. | |
| Health: | Aspiration Hazard Category 1 May be fatal if swallowed and enters airways. Specific target organ toxicity - single exposure, category 3 May cause drowsiness or dizziness. |
| Classification based on calculation method. | |
| Environment: | Hazardous to the aquatic environment, chronic category 2 Toxic to aquatic life with long lasting effects. |
| Classification based on calculation method. | |
| Other hazards : | Repeated exposure may cause skin dryness or cracking. |

Productname : SOLVENT DEGREASER
Ref.Nr.: UDS000460_3_20190624 (EN)
Creationdate : 24.06.19 Version : 3.0
Replaces: UDS000460_20170629

2.2. Label elements

Labelling according to Regulation (EC) No 1272/2008

| | |
|---|--|
| Product identifier: | Contains: Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics Hydrocarbons, C10, aromatics, |
| Hazard pictogram(s): |     |
| Signal word: | Danger |
| Hazard statement(s): | H226 : Flammable liquid and vapour. H304 : May be fatal if swallowed and enters airways. H336 : May cause drowsiness or dizziness. H411 : Toxic to aquatic life with long lasting effects. |
| 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. P261 : Avoid breathing dust/fume/gas/mist/vapours/spray. P271 : Use only outdoors or in a well-ventilated area. P301/310 : IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. P331 : Do NOT induce vomiting. 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

No information available

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable.

3.2. Mixtures

| 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) | 60-100 | Flam. Liq. 3, Asp. Tox. 1, STOT SE 3 | H226,H304,H336 | B,Q |
| Hydrocarbons, C10, aromatics, | 01-2119463583-34 | - | (918-811-1) | 20-40 | STOT SE 3, Asp. Tox. 1, Aquatic Chronic 2 | H336,H304,H411 | Q |
| Alcohol C10, ethoxylated | - | 26183-52-8 | 500-046-6 | 1-5 | Eye Irrit. 2 | H319 | F,X |

Productname : SOLVENT DEGREASER
Ref.Nr.: UDS000460_3_20190624 (EN)
Creationdate : 24.06.19 Version : 3.0
Replaces: UDS000460_20170629

| | | | | | | | |
|---|------------------|-----------|-----------|-----|--|--------------------------|-----|
| ethylbenzene | 01-2119489370-35 | 100-41-4 | 202-849-4 | 0-1 | Flam. Liq. 2, Acute Tox. 4, STOT RE 2, Asp. Tox. 1 | H225,H332,H373,H304 | A |
| xylene | 01-2119488216-32 | 1330-20-7 | 215-535-7 | 0-1 | Flam. Liq. 3, Acute Tox. 4, Acute Tox. 4, Skin Irrit. 2 | H226,H332,H312,H315 | A,W |
| 1H-Imidazole-1-ethanol, 2-(8-heptadecenyl)-4,5-dihydro- | 01-2119777867-13 | 95-38-5 | 202-414-9 | 0-1 | Acute Tox. 4, Skin Corr. 1B, STOT RE 2, Aquatic Acute 1, Aquatic Chronic 1 | H302,H314,H373,H400,H410 | |

Explanation notes

A : substance with Community workplace exposure limit

B : substance with national established workplace exposure limit

F : not registered due to polymer status (no longer polymer list - directive 92/32/EEC)

Q : The CAS-no is only an indicative identifier to be used outside the EU for global inventory entries.

W : Note: substance mentioned on the list of CMR-substances of the Dutch Ministry of Social Affairs and Employment (SZW)

X : SCL (specific concentration limit) in accordance with art.10 of CLP Regulation No 1272/2008

(* Explanation phrases : see chapter 16)

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 for several minutes Seek medical attention if irritation persists |
| Contact with skin : | Wash with water and soap. Seek medical attention if irritation persists |
| Inhalation : | IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell. |
| Ingestion : | IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting. |

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 : | Mildly irritating to skin Symptoms : redness and pain |
| Eye contact : | Mildly irritating to eyes 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) If symptoms persist always call a doctor |
|-------------------------|---|

SECTION 5: Firefighting measures**5.1. Extinguishing media**


3 / 10

CRC Industries UK LimitedAmbersil House, Wylds Road, Castlefield Industrial Estate, Bridgwater,
Somerset, TA6 4DD

Tel: +44 (0)1278 727200 Fax: +44 (0)1278 425644 web: www.ambersil.com

Productname : SOLVENT DEGREASER
Ref.Nr.: UDS000460_3_20190624 (EN)

Creationdate : 24.06.19 Version : 3.0
Replaces: UDS000460_20170629

foam, carbon dioxide or dry agent

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.
Ground/bond container and receiving equipment.
Use explosion-proof electrical/ventilating/lighting/.../equipment.

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.

Productname : SOLVENT DEGREASER
Ref.Nr.: UDS000460_3_20190624 (EN)
Creationdate : 24.06.19 Version : 3.0
Replaces: UDS000460_20170629

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: | | | |
| ethylbenzene | 100-41-4 | TWA | 100 ppm |
| | | STEL | 200 ppm |
| xylene | 1330-20-7 | TWA | 50 ppm |
| | | STEL | 100 ppm |
| National established exposure limits, United Kingdom | | | |
| ethylbenzene | 100-41-4 | TWA | 100 ppm |
| | | STEL | 125 ppm |
| xylene | 1330-20-7 | TWA | 50 ppm |
| | | STEL | 100 ppm |
| National established exposure limits, Ireland | | | |
| ethylbenzene | 100-41-4 | TWA | 100 ppm |
| | | STEL | 200 ppm |
| xylene | 1330-20-7 | TWA | 50 ppm |
| | | STEL | 100 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. It is good practice to wear gloves and to provide adequate ventilation whenever using the product. In all cases handle and use the product in accordance with good industrial hygiene practices. |
| 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 : | Wear suitable protective gloves against chemicals. Check the appropriateness of the recommended gloves for your own particular conditions of use and |

| | | | |
|----------------------|---------------------------|-----------------------|------------------------|
| Productname : | SOLVENT DEGREASER | Creationdate : | 24.06.19 Version : 3.0 |
| Ref.Nr.: | UDS000460_3_20190624 (EN) | Replaces: | UDS000460_20170629 |

| | |
|---------------------|--|
| | replace gloves regularly after check for signs of damage or defects. |
| Recommended gloves: | Nitrile |
| eyes : | Wear safety eyewear according to EN 166. |

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|---|-----------------------|
| Apperance : physical state : | Liquid. |
| colour : | Red. |
| odour : | Petroleum. |
| pH : | Not applicable. |
| Boiling point/range : | 145 °C |
| Flash point : | 41 °C (Closed Cup) |
| Evaporation rate : | Not available. |
| Explosion limits : upper limit : | 7.0 % |
| lower limit : | 0.6 % |
| Vapour pressure : | Not available. |
| Relative density : | 0.815 g/cm3 (@ 20°C). |
| Solubility in water : | Insoluble in water |
| Auto-ignition : | > 200 °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



Productname : SOLVENT DEGREASER
Ref.Nr.: UDS000460_3_20190624 (EN)

Creationdate : 24.06.19 Version : 3.0
Replaces: UDS000460_20170629

CO,CO2

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: | based on available data the classification criteria are not met |
| 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: | May be fatal if swallowed and enters airways. |

Information on likely routes of exposure:

| | |
|-----------------------|---|
| 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 :

| Hazardous ingredient | CAS-nr. | method | |
|--|------------|-----------------|--------------|
| Alcohol C10, ethoxylated | 26183-52-8 | LD50 oral rat | 1000 mg/kg |
| | | LD50 derm.rat | > 2000 mg/kg |
| Hydrocarbons, C10, aromatics, | - | LD50 oral rat | > 5000 mg/kg |
| | | LC50 inhal.rat | 4688 mg/m3 |
| | | LD50 derm.rabit | > 2000 mg/kg |
| Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics | - | LD50 oral rat | >5000 mg/kg |
| | | LC50 inhal.rat | 4951 mg/m3 |
| | | LD50 derm.rabit | >5000 mg/kg |

SECTION 12: Ecological information

12.1. Toxicity

Hazardous to the aquatic environment, chronic category 2
Toxic to aquatic life with long lasting effects.

Productname : SOLVENT DEGREASER
Ref.Nr.: UDS000460_3_20190624 (EN)

Creationdate : 24.06.19 Version : 3.0
Replaces: UDS000460_20170629

Ecotoxicological data:

| Hazardous ingredient | CAS-nr. | method | |
|-------------------------------|------------|--------------|-----------|
| Alcohol C10, ethoxylated | 26183-52-8 | IC50 algae | < 47 mg/l |
| | | LC50 fish | < 7 mg/l |
| | | EC50 daphnia | 5.3 mg/l |
| Hydrocarbons, C10, aromatics, | - | IC50 algae | > 10 mg/l |
| | | LC50 fish | 2-5 mg/l |
| | | EC50 daphnia | 3-10 mg/l |

12.2. Persistence and degradability

No information available

12.3. Bioaccumulative potential

No information 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

No information available

SECTION 13: Disposal considerations**13.1. Waste treatment methods**

Do not discharge into drains or the environment, dispose to an authorised waste collection point.

SECTION 14: Transport information**14.1. UN number**

UN-number : 1300

14.2. UN proper shipping name

Proper shipping name: TURPENTINE SUBSTITUTE (Hydrocarbons, C10, aromatics,

Productname : SOLVENT DEGREASER
Ref.Nr.: UDS000460_3_20190624 (EN)

Creationdate : 24.06.19 Version : 3.0
Replaces: UDS000460_20170629

14.3. Transport hazard class(es)

Class: 3
ADR/RID - Classification code: F1

14.4. Packing group

Packing group: III

14.5. Environmental hazards

ADR/RID - Environmentally hazardous: Yes
IMDG - Marine pollutant: Marine pollutant
IATA/ICAO - Environmentally hazardous: Yes

14.6. Special precautions for user

ADR/RID - Tunnelcode: (D/E)
IMDG - Ems: F-E, S-E
IATA/ICAO - PAX: 355
IATA/ICAO - CAO: 366

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.
H226 : Flammable liquid and vapour.
H302 : Harmful if swallowed.
H304 : May be fatal if swallowed and enters airways.
H312 : Harmful in contact with skin.
H314 : Causes severe skin burns and eye damage.
H315 : Causes skin irritation.

| | | | |
|----------------------|---------------------------|-----------------------|------------------------|
| Productname : | SOLVENT DEGREASER | Creationdate : | 24.06.19 Version : 3.0 |
| Ref.Nr.: | UDS000460_3_20190624 (EN) | Replaces: | UDS000460_20170629 |

H319 : Causes serious eye irritation.
H332 : Harmful if inhaled.
H336 : May cause drowsiness or dizziness.
H373 : May cause damage to organs through prolonged or repeated exposure

H400 : Very toxic to aquatic life.
H410 : Very toxic to aquatic life with long lasting effects.
H411 : Toxic to aquatic life with long lasting effects.

REVISIONS IN CHAPTRE : Classification according to Regulation (EC) No 1272/2008
Labelling according to Regulation (EC) No 1272/2008
8.2. Exposure controls

acronyms and synonyms: TWA = time weight average
STEL = short time exposure limit
VOC = volatile organic compounds
PBT = persistant bioaccumulative toxic
vPvB = very persitant very bioaccumulative

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.

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.