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

### 1.1. Product identifier

**40+**
Bulk

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

Lubricants

### 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<br>Flammable liquid and vapour. |

Classification is based on test data.

| | |
|---|---|
| **Health:** | Aspiration Hazard Category 1<br>May be fatal if swallowed and enters airways.<br>Eye irritation, category 2<br>Causes serious eye irritation.<br>Specific target organ toxicity - single exposure, category 3<br>May cause drowsiness or dizziness. |

Classification based on calculation method.

| | |
|---|---|
| **Environment:** | Not classified |

Classification based on calculation method.

| | |
|---|---|
| **Other hazards :** | Repeated exposure may cause skin dryness or cracking. |
| **Other hazards :** | Not classified |


**CRC Industries UK Limited**
Ambersil House, Wylds Road, Castlefield Industrial Estate, Bridgwater,
Somerset, TA6 4DD
Tel: +44 (0)1278 727200 Fax: +44 (0)1278 425644 web: www.ambersil.com

### 2.2. Label elements

### Labelling according to Regulation (EC) No 1272/2008

| | |
|---|---|
| **Product identifier:** | Contains:<br>Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics |
| **Hazard pictogram(s):** | |
| **Signal word:** | Danger |
| **Hazard statement(s):** | H226 : Flammable liquid and vapour.<br>H304 : May be fatal if swallowed and enters airways.<br>H319 : Causes serious eye irritation.<br>H336 : May cause drowsiness or dizziness. |
| **Precautionary statement(s):** | P101 : If medical advice is needed, have product container or label at hand.<br>P102 : Keep out of reach of children. |
| | P210 : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.<br>P261 : Avoid breathing dust/fume/gas/mist/vapours/spray.<br>P271 : Use only outdoors or in a well-ventilated area. |
| | P301/310 : IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.<br>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 |
| **Explanation notes** | | | | | | | |
| B : substance with national established workplace exposure limit | | | | | | | |
| Q : The CAS-no is only an indicative identifier to be used outside the EU for global inventory entries. | | | | | | | |

(* Explanation phrases : see chapter 16)



**CRC Industries UK Limited**
Ambersil House, Wylds Road, Castlefield Industrial Estate, Bridgwater,
Somerset, TA6 4DD
Tel: +44 (0)1278 727200 Fax: +44 (0)1278 425644 web: www.ambersil.com

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

| | |
|---|---|
| **Contact with eyes :** | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| **Contact with skin :** | Take off contaminated clothing and wash before reuse.<br>IF ON SKIN: Wash with plenty of soap and water.<br>If skin irritation occurs: Get medical advice/attention. |
| **Inhalation :** | Fresh air, keep warm and at rest.<br>Seek medical attention if ill effects occur |
| **Ingestion :** | 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.<br>Symptoms : sore throat, abdominal pain, nausea, vomiting |
| **Skin contact :** | Prolonged skin contact will result in defatting of the skin<br>Symptoms : redness and pain |
| **Eye contact :** | Irritating to eyes<br>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<br>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 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


**CRC Industries UK Limited**
Ambersil House, Wylds Road, Castlefield Industrial Estate, Bridgwater,
Somerset, TA6 4DD
Tel: +44 (0)1278 727200 Fax: +44 (0)1278 425644 web: www.ambersil.com

## 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

### 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)

Lubricants

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters



**CRC Industries UK Limited**
Ambersil House, Wylds Road, Castlefield Industrial Estate, Bridgwater,
Somerset, TA6 4DD
Tel: +44 (0)1278 727200 Fax: +44 (0)1278 425644 web: www.ambersil.com

**Exposure limits :**

No information available

### 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.<br>It is good practice to wear gloves and to provide adequate ventilation whenever using the product.<br>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 equiped with organic gas/vapor cartridge (type A) |
| **hands and skin :** | When handling the product wear chemical-resistant gloves (standard EN 374).<br>Use a reusable glove with a minimum breakthrough time of 30 minutes. 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. |
| Recommended gloves: | Nitrile |
| | 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.<br>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. |
| **Environmental protection:** | Avoid release to the environment.<br>Collect spillage. |

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

| | |
|---|---|
| **Appearance : physical state :** | Liquid. |
| **colour :** | Amber. |
| **odour :** | Petroleum. |
| **pH :** | Not applicable. |
| **Boiling point/range :** | 145 °C |
| **Flash point :** | 43 °C (Closed Cup) |
| **Evaporation rate :** | Not available. |
| **Explosion limits : upper limit :** | 7.0 % |
| **lower limit :** | 0.6 % |
| **Vapour pressure :** | Not available. |
| **Relative density :** | 0.805 g/cm3 (@ 20°C). |
| **Solubility in water :** | Insoluble in water |



**CRC Industries UK Limited**
Ambersil House, Wylds Road, Castlefield Industrial Estate, Bridgwater,
Somerset, TA6 4DD
Tel: +44 (0)1278 727200 Fax: +44 (0)1278 425644 web: www.ambersil.com

| | |
|---|---|
| **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

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:** | 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:** | May be fatal if swallowed and enters airways. |

**Information on likely routes of exposure:**



**CRC Industries UK Limited**
Ambersil House, Wylds Road, Castlefield Industrial Estate, Bridgwater,
Somerset, TA6 4DD
Tel: +44 (0)1278 727200 Fax: +44 (0)1278 425644 web: www.ambersil.com

| | |
|---|---|
| **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 |
| **Eye contact :** | Irritating to eyes |

**Toxicological data :**

| Hazardous ingredient | CAS-nr. | method | |
|---|---|---|---|
| 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

Not classified

**Ecotoxicological data:**

No information available

### 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



**CRC Industries UK Limited**
Ambersil House, Wylds Road, Castlefield Industrial Estate, Bridgwater,
Somerset, TA6 4DD
Tel: +44 (0)1278 727200 Fax: +44 (0)1278 425644 web: www.ambersil.com

### 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

### 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: | No |
| 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-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.



**CRC Industries UK Limited**
Ambersil House, Wylds Road, Castlefield Industrial Estate, Bridgwater,
Somerset, TA6 4DD
Tel: +44 (0)1278 727200 Fax: +44 (0)1278 425644 web: www.ambersil.com

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: | H226 : Flammable liquid and vapour.<br>H304 : May be fatal if swallowed and enters airways.<br>H336 : May cause drowsiness or dizziness. |
| REVISIONS IN CHAPTRE : | Classification according to Regulation (EC) No 1272/2008<br>Labelling according to Regulation (EC) No 1272/2008 |
| acronyms and synonyms: | TWA = time weight average<br>STEL = short time exposure limit<br>VOC = volatile organic compounds<br>PBT = persistant bioaccumulative toxic<br>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.


**CRC Industries UK Limited**
Ambersil House, Wylds Road, Castlefield Industrial Estate, Bridgwater,
Somerset, TA6 4DD
Tel: +44 (0)1278 727200 Fax: +44 (0)1278 425644 web: www.ambersil.com