1. IDENTIFICATION OF PRODUCT AND COMPANY

Productname: TUFCUT LIQUID

Application: Lubricants

Company: CRC Industries UK Ltd.
Castlefield Industrial Estate, Wylds Rd,
Bridgwater,
Somerset,
UK, TA64DD
Tel.: (+44)(0)1278 727200
Fax: (+44)(0)1278 425644
E-mail: hse.uk@crcind.com

In case of emergency : (+44)(0)1278 727200

<table>
<thead>
<tr>
<th>Subsidiaries</th>
<th>Tel</th>
<th>Fax</th>
</tr>
</thead>
<tbody>
<tr>
<td>CRC Industries Europe</td>
<td>Touwslagerstraat 1 9240 Zele Belgium (+32) (0) 52 / 45 60 11 (+32) (0) 52 / 45 00 34</td>
<td></td>
</tr>
<tr>
<td>CRC Industries Finland</td>
<td>Asemanrinne 13, 08500 Lohja AS (+358)(0)19/32921 (+358)(0)19/383676</td>
<td></td>
</tr>
<tr>
<td>CRC Industries France</td>
<td>12, Bld des Martyrs de Chateaubriant F-95102 Argenteuil Cédex (+33)(0)1/34112000 (+33)(0)1/34110996</td>
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</tr>
</tbody>
</table>
2. HAZARD IDENTIFICATION

Health and Safety : Not Classified
Environment : Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

3. COMPOSITION AND INFORMATION ON COMPONENTS

<table>
<thead>
<tr>
<th>Hazardous ingredient</th>
<th>CAS-nr</th>
<th>EINECS</th>
<th>w/w %</th>
<th>symbol</th>
<th>R-phrases*</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alkanes, C14-17, chloro</td>
<td>85535-85-9</td>
<td>287-477-0</td>
<td>10-20</td>
<td>N</td>
<td>50/53</td>
<td>(*) Explanation risk-phrases : see chapter 16</td>
</tr>
</tbody>
</table>

4. FIRST AID MEASURES

General Advice : In case of accident or if you feel unwell, seek medical advice (show the label where possible)
Contact with eyes : In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
Contact with skin : Wash with water and soap.
Inhalation : Fresh air, keep warm and at rest.
Ingestion:  
Do not induce vomiting  
Seek immediate medical attention

5. FIRE-FIGHTING MEASURES

Flash point (without propellant): > 100 °C

Explosion limits:  
upper limit: Not available.
lower limit: Not available.

Extinguishing media: foam, carbon dioxide or dry agent

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Wear suitable gloves and eye/face protection.

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

Cleaning methods: Absorb spillage in suitable inert material

7. HANDLING AND STORAGE

Storage procedures: Keep only in the original container.

8. EXPOSURE CONTROL AND PERSONAL PROTECTION

Personal protection: Wear suitable gloves and eye/face protection.  
Ensure adequate ventilation.

hands and skin: Wear suitable protective gloves (nitrile)
9. PHYSICAL AND CHEMICAL PROPERTIES (for aerosols without propellant)

Appearance : physical state :  Viscous liquid.
   colour :  Brown.
   odour :  Oil.
Boiling point/range :  Not available.
Relative density :  0.97 g/cm3 (@ 20°C).
pH :  Not available.
Vapour pressure :  Not available.
Relative vapour density :  Not available.
Solubility in water :  Insoluble in water
Flash point :  > 100 °C
Auto-ignition :  > 200 °C
Viscosity :  Not available.
Evaporation rate :  Not available.

10. STABILITY AND REACTIVITY

Conditions to be avoided :  No hazardous reactions known if used for its intended purpose
Materials to be avoided :  Strong oxidising agent

11. TOXICOLOGICAL INFORMATION

Inhalation :  Inhalation of solvent vapours may give rise to nausea, headaches and dizziness
Ingestion :  May cause gastrointestinal disturbances
Skin contact : Irritating to skin
Eye contact : Irritating to eyes

12. ECOLOGICAL INFORMATION

Other adverse effects : Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Do not allow to enter public sewers and watercourses. If polluted water reaches drainage systems or water courses, immediately inform appropriate authorities. No experimental data available.

13. WASTE DISPOSAL

National regulations : Disposal should be in accordance with local, state or national legislation.

14. TRANSPORT

UN-number : UN3082
Road/Rail - ADR/RID : UN3082 Environmentally hazardous substance, liquid, n.o.s. (Chlorinated paraffins (C14-17) mixture) Class : 9, PG : III, Class code : M6, Label : 9, Tunnel-code : (E)
Sea - IMDG : UN3082 Environmentally hazardous substance, liquid, n.o.s. (Chlorinated paraffins (C14-17) mixture) Class : 9, PG : III, Label : 9
EmS F-A, S-F
Marine pollutant P
Air - IATA/ICAO : UN3082 Environmentally hazardous substance, liquid, n.o.s. (Chlorinated paraffins (C14-17) mixture) Class : 9, PG : III, Label : RMD
15. REGULATORY INFORMATION

Warning symbol(s) : N : DANGEROUS FOR THE ENVIRONMENT

Risk-phrase(s) : R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Safety-phrase(s) : S2: Keep out of the reach of children. S35: This material and its container must be disposed of in a safe way. S61: Avoid release to the environment. Refer to special instructions/Safety data sheets.

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. 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.

REVISIONS IN CHAPTRE : 2,3,6,12,14,15,16

*Explanation risk-phrases: R50/53: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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.