



**SAFETY DATA SHEET**  
ULTRACUT 390I

Page 1  
Issued: 15/12/2008  
Revision No: 1

**1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING**

**Product name:** ULTRACUT 390I  
**Company name:** ROCOL Lubricants  
ROCOL House  
Swillington  
Leeds  
West Yorkshire  
LS26 8BS  
ENGLAND  
Tel: +44 (0) 113 232 2700  
Fax: +44 (0) 113 232 2740  
Emergency tel: +44 (0) 113 232 2600

**2. HAZARDS IDENTIFICATION**

**Main hazards:** Irritating to eyes and skin.

**3. COMPOSITION / INFORMATION ON INGREDIENTS**

- Hazardous ingredients:** TALL OIL ACIDS, COMPOUNDS WITH ETHANOLAMINE AND DIETHANOLAMINE 15-30%  
EINECS: 268-640-5 + 263-157-  
[Xi] R36/38
- AMIDES, TALL-OIL FATTY, N,N-BIS(HYDROXYETHYL) 15-30%  
EINECS: 268-949-5  
[Xi] R36/38
  - BORIC ACID COMPOUND WITH 2-AMINOETHANOL 5-15%  
EINECS: 247-421-8 CAS: 26038-87-9  
[Xi] R36
  - BORIC ACID COMPOUND WITH 2,2'AMINOBIS[ETHANOL] 5-15%  
EINECS: 267-886-0 CAS: 67952-33-4  
[Xi] R36
  - METHYLENE BIS-METHYLOXAZOLIDINE 1-5%  
EINECS: 266-235-8 CAS: 66204-44-2  
[Xn] R21/22; [C] R34; [-] R52
  - 3-IODO-2-PROPYNYL BUTYLCARBAMATE 0-1%  
EINECS: 259-627-5 CAS: 55406-53-6  
[Xn] R20/22; [Xi] R41; [N] R50

**4. FIRST AID MEASURES (SYMPTOMS)**

- Skin contact:** There may be irritation with skin drying and defatting  
**Eye contact:** There may be irritation and stinging, possibly severe with the undiluted material  
**Ingestion:** There may be irritation of the mouth and throat with nausea and drowsiness  
**Inhalation:** There may be irritation of the respiratory tract from exposure to fumes and mists

**4. FIRST AID MEASURES (ACTION)**

- Skin contact:** Wash immediately with plenty of soap and water. Remove and wash contaminated clothing before re-use. If irritation persists obtain medical advice.  
**Eye contact:** Bathe the eye with running water for 15 minutes. Obtain prompt medical attention for contact with undiluted fluid and for contact with diluted fluid if symptoms persist  
**Ingestion:** Do not induce vomiting. Wash out mouth with water. Consult a doctor. Milk or water to drink may be beneficial (do not give anything to drink to an unconscious person)

[cont...]

**Inhalation:** Move to fresh air in case of accidental inhalation of vapours. If effects persist or worsen obtain medical attention

## 5. FIRE-FIGHTING MEASURES

**Extinguishing media:** Small Fires: Foam, dry powder, carbon dioxide, sand or earth.

**Exposure hazards:** In combustion emits toxic fumes of carbon dioxide / carbon monoxide. In combustion emits toxic fumes of nitrogen oxides.

**Protection of fire-fighters:** Wear self-contained breathing apparatus.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions:** Refer to section 8 of SDS for personal protection details.

**Environmental precautions:** Do not discharge into drains or rivers. Contain the spillage using bunding.

**Clean-up procedures:** Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

## 7. HANDLING AND STORAGE

**Handling requirements:** Avoid direct contact with the substance.

**Storage conditions:** Store in cool, well ventilated area. Protect from frost and elevated temperature

**Suitable packaging:** Must only be kept in original packaging.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Engineering measures:** Ensure there is sufficient ventilation of the area.

**Respiratory protection:** Respiratory protection not normally required.

**Hand protection:** Protective gloves.

**Eye protection:** Safety glasses with side-shields.

**Skin protection:** Protective clothing.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**State:** Liquid

**Colour:** Amber

**Odour:** Mild characteristic

**Evaporation rate:** Negligible

**Oxidising:** Non-oxidising (by EC criteria)

**Solubility in water:** Miscible to form a translucent emulsion

**Boiling point/range°C:** > 100

**Flash point°C:** > 100

**Autoflammability°C:** > 150

**Relative density:** 0.99

**pH:** 9.6 @ 3%

## 10. STABILITY AND REACTIVITY

**Stability:** Stable under normal conditions.

**Conditions to avoid:** Extremes of temperature (preferably store between 5 and 30 C).

**Materials to avoid:** Strong oxidising agents. Strong reducing agents. Strong acids.

**Haz. decomp. products:** In combustion emits toxic fumes of carbon dioxide / carbon monoxide.

## 11. TOXICOLOGICAL INFORMATION

**Acute toxicity:** ULTRACUT 390I

ORL RAT LD50 >2000 mg/kg

SKN RBT LD50 >2000 mg/kg

**Chronic toxicity:** Danger of cumulative effects through inhalation.

**Routes of exposure:** Refer to section 4 of SDS for routes of exposure and corresponding symptoms.

**12. ECOLOGICAL INFORMATION**

**Mobility:** Non-volatile. Readily absorbed into soil.

**Persistence and degradability:** Biodegradable.

**Bioaccumulative potential:** Slightly bioaccumulable.

**13. DISPOSAL CONSIDERATIONS**

**Disposal operations:** Transfer to a suitable container and arrange for collection by specialised disposal company.

**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

**14. TRANSPORT INFORMATION****ADR / RID**

**UN no:** Not classified

**IMDG / IMO**

**UN no:** Not classified

**IATA / ICAO**

**UN no:** Not classified

**15. REGULATORY INFORMATION**

**Hazard symbols:** Irritant.



**Risk phrases:** R36/38: Irritating to eyes and skin.

**Safety phrases:** S24/25: Avoid contact with skin and eyes.

S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S37: Wear suitable gloves.

S60: This material and its container must be disposed of as hazardous waste.

TALL OIL ACIDS, COMPOUNDS WITH ETHANOLAMINE AND DIETHANOLAMINE;  
AMIDES, TALL-OIL FATTY, N,N-BIS(HYDROXYETHYL); METHYLENE  
BIS-METHYLOXAZOLIDINE

**Note:** The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

**16. OTHER INFORMATION**

**Risk phrases used in s.3:** R36/38: Irritating to eyes and skin.  
R36: Irritating to eyes.  
R21/22: Harmful in contact with skin and if swallowed.  
R34: Causes burns.  
R52: Harmful to aquatic organisms.  
R20/22: Harmful by inhalation and if swallowed.  
R41: Risk of serious damage to eyes.  
R50: Very toxic to aquatic organisms.

**Legal disclaimer:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.