



**SAFETY DATA SHEET**  
RTD COMPOUND

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Compilation date: 20/06/2013

Revision No: 10

**Section 1: Identification of the substance/mixture and of the company/undertaking**

**1.1. Product identifier**

**Product name:** RTD COMPOUND

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

**Use of substance / mixture:** Lubricant for reaming, tapping and drilling.

**1.3. Details of the supplier of the safety data sheet**

**Company name:** ROCOL

ROCOL House

Swillington

Leeds

West Yorkshire

LS26 8BS

ENGLAND

**Tel:** +44 (0) 113 232 2700

**Fax:** +44 (0) 113 232 2740

**Email:** [customer-service@rocol.com](mailto:customer-service@rocol.com)

**1.4. Emergency telephone number**

**Emergency tel:** +44 (0) 113 232 2600

**Section 2: Hazards identification**

**2.1. Classification of the substance or mixture**

**Classification under CHIP:** N: R50/53; -: R64; -: R66

**Most important adverse effects:** Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. May cause harm to breastfed babies. Repeated exposure may cause skin dryness or cracking.

**2.2. Label elements**

**Label elements under CHIP:**

**Hazard symbols:** Dangerous for the environment.



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

R64: May cause harm to breastfed babies.

R66: Repeated exposure may cause skin dryness or cracking.

[cont...]

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**Safety phrases:** S61: Avoid release to the environment. Refer to special instructions / safety data sheets.

## 2.3. Other hazards

**PBT:** This substance is not identified as a PBT substance.

## Section 3: Composition/information on ingredients

### 3.2. Mixtures

#### Hazardous ingredients:

C14-C17 CHLORINATED PARAFFIN - REACH registered number(s): 01-2119519269-33-XXXX

EINECS	CAS	CHIP Classification	CLP Classification	Percent
287-477-0	85535-85-9	N: R50/53; -: R64; -: R66	Lact.: H362; Aquatic Chronic 1: H410	50-70%

HIGHLY REFINED MINERAL OIL (LESS THAN 3% DMSO EXTRACT)

-	64742-62-7	Substance with a Community workplace exposure limit.	-	10-30%
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**Contains:** Mineral oil contains <3% (w/w) DMSO extractable according to IP346

## Section 4: First aid measures

### 4.1. Description of first aid measures

**Skin contact:** Wash immediately with plenty of soap and water.

**Eye contact:** Bathe the eye with running water for 15 minutes. Consult a doctor.

**Ingestion:** Wash out mouth with water.

**Inhalation:** Remove casualty from exposure ensuring one's own safety whilst doing so.

### 4.2. Most important symptoms and effects, both acute and delayed

**Skin contact:** Repeated exposure may cause skin dryness or cracking.

**Eye contact:** There may be irritation and redness.

**Ingestion:** There may be irritation of the throat.

**Inhalation:** There may be coughing and a sore throat.

### 4.3. Indication of any immediate medical attention and special treatment needed

**Immediate / special treatment:** No data available.

## Section 5: Fire-fighting measures

### 5.1. Extinguishing media

**Extinguishing media:** Use water spray to cool containers. Suitable extinguishing media for the surrounding fire should be used.

### 5.2. Special hazards arising from the substance or mixture

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

[cont...]

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## 5.3. Advice for fire-fighters

**Advice for fire-fighters:** Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

## Section 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

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

### 6.2. Environmental precautions

**Environmental precautions:** Do not discharge into drains or rivers.

### 6.3. Methods and material for containment and cleaning up

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

### 6.4. Reference to other sections

**Reference to other sections:** Refer to section 13 of SDS.

## Section 7: Handling and storage

### 7.1. Precautions for safe handling

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

### 7.2. Conditions for safe storage, including any incompatibilities

**Storage conditions:** Store in cool, well ventilated area.

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

### 7.3. Specific end use(s)

**Specific end use(s):** No special requirement.

## Section 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Workplace exposure limits:

State	Respirable dust			
	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
EU	5mg/m <sup>3</sup>	10mg/m <sup>3</sup>	-	-

#### Hazardous ingredients:

#### HIGHLY REFINED MINERAL OIL (LESS THAN 3% DMSO EXTRACT)

#### Workplace exposure limits:

State	Respirable dust			
	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL

[cont...]

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UK	5mg/m3	10mg/m3	-	-
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## 8.2. Exposure controls

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

**Respiratory protection:** Respiratory protection not normally required. In case of insufficient ventilation use:  
Gas/vapour filter, type A: organic vapours (EN141).

**Hand protection:** Nitrile gloves.

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

**Skin protection:** Protective clothing.

**Environmental:** No special requirement.

## Section 9: Physical and chemical properties

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

**State:** Paste

**Colour:** Brown

**Odour:** Characteristic odour

**Evaporation rate:** Negligible

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

**Solubility in water:** Insoluble

**Flash point°C:** >100

**Autoflammability°C:** >200

**Relative density:** 1.17

### 9.2. Other information

**Other information:** Not applicable.

## Section 10: Stability and reactivity

### 10.1. Reactivity

**Reactivity:** Stable under recommended transport or storage conditions.

### 10.2. Chemical stability

**Chemical stability:** Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

**Hazardous reactions:** Hazardous reactions will not occur under normal transport or storage conditions.

### 10.4. Conditions to avoid

**Conditions to avoid:** Heat.

### 10.5. Incompatible materials

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

### 10.6. Hazardous decomposition products

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

[cont...]

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## Section 11: Toxicological information

### 11.1. Information on toxicological effects

**Toxicity values:** Not applicable.

### Symptoms / routes of exposure

**Skin contact:** Repeated exposure may cause skin dryness or cracking.

**Eye contact:** There may be irritation and redness.

**Ingestion:** There may be irritation of the throat.

**Inhalation:** There may be coughing and a sore throat.

**Other information:** May cause harm to breastfed babies.

## Section 12: Ecological information

### 12.1. Toxicity

#### Ecotoxicity values:

Species	Test	Value	Units
ALGAE	96H ErC50	>3.2	mg/l
FISH	96H LC50	>5000	mg/l
Daphnia magna	48H EC50	0.006	mg/l

### 12.2. Persistence and degradability

**Persistence and degradability:** Only slightly biodegradable.

### 12.3. Bioaccumulative potential

**Bioaccumulative potential:** No data available.

### 12.4. Mobility in soil

**Mobility:** Non-volatile. Absorbed only slowly into soil.

### 12.5. Results of PBT and vPvB assessment

**PBT identification:** This substance is not identified as a PBT substance.

### 12.6. Other adverse effects

**Other adverse effects:** No data available.

## Section 13: Disposal considerations

### 13.1. Waste treatment methods

**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.

[cont...]

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## Section 14: Transport information

### 14.1. UN number

UN number: UN3077

### 14.2. UN proper shipping name

Shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID  
(C14-C17 CHLORINATED PARAFFIN;)

### 14.3. Transport hazard class(es)

Transport class: 9

### 14.4. Packing group

Packing group: III

### 14.5. Environmental hazards

Environmentally hazardous: Yes

Marine pollutant: Yes

### 14.6. Special precautions for user

Special precautions: No special precautions.

Tunnel code: E

Transport category: 3

## Section 15: Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Specific regulations: Not applicable.

### 15.2. Chemical Safety Assessment

Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

## Section 16: Other information

### Other information

**Other information:** This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

Compiled in accordance with REACH.

**Phrases used in s.2 and 3:** H362: May cause harm to breast-fed children.

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

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

R64: May cause harm to breastfed babies.

R66: Repeated exposure may cause skin dryness or cracking.

**Legal disclaimer:** The above information is believed to be correct but does not purport to be all inclusive

[cont...]

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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.