



**SAFETY DATA SHEET**  
SAPPHIRE HI-TORQUE RANGE

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

**Product name:** SAPPHIRE HI-TORQUE RANGE  
**Company name:** ROCOL  
ROCOL House  
Swillington  
Leeds  
West Yorkshire  
LS26 8BS  
ENGLAND  
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## 2. HAZARDS IDENTIFICATION

**Main hazards:** None

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

**Hazardous ingredients:** LUBRICATING OILS >60%  
EINECS: 278-012-2 CAS: 74869-22-0  
[-]

## 4. FIRST AID MEASURES (SYMPTOMS)

**Skin contact:** There may be mild irritation at the site of contact.  
**Eye contact:** There may be irritation and redness. The eyes may water profusely.  
**Ingestion:** There may be soreness and redness of the mouth and throat.  
**Inhalation:** No symptoms.

## 4. FIRST AID MEASURES (ACTION)

**Skin contact:** Wash immediately with plenty of soap and water.  
**Eye contact:** Bathe the eye with running water for 15 minutes.  
**Ingestion:** Wash out mouth with water.

## 5. FIRE-FIGHTING MEASURES

**Extinguishing media:** Use water spray to cool containers. Alcohol or polymer foam. Dry chemical powder. Carbon dioxide.  
**Exposure hazards:** In combustion emits toxic fumes.  
**Protection of fire-fighters:** Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

## 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. Avoid the formation or spread of mists in the air.  
**Storage conditions:** Store in cool, well ventilated area. Keep away from direct sunlight.  
**Suitable packaging:** Must only be kept in original packaging.

[cont...]

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Hazardous ingredients:** LUBRICATING OILS  
WEL (8 hr TWA): 5mg/m<sup>3</sup> WEL (15 min STEL): 10mg/m<sup>3</sup>  
**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:** Blue  
**Odour:** Barely perceptible odour  
**Evaporation rate:** Negligible  
**Oxidising:** Non-oxidising (by EC criteria)  
**Solubility in water:** Insoluble  
**Viscosity:** Non-viscous  
**Boiling point/range°C:** >300  
**Melting point/range°C:** < -20  
**Flammability limits %:** lower: 1  
upper: 6  
**Flash point°C:** > 240  
**Autoflammability°C:** > 200  
**Relative density:** 0.85

**10. STABILITY AND REACTIVITY**

**Stability:** Stable under normal conditions.  
**Conditions to avoid:** Heat. Direct sunlight.  
**Materials to avoid:** Strong oxidising agents. Strong reducing agents.  
**Haz. decomp. products:** In combustion emits toxic fumes of carbon dioxide / carbon monoxide.

**11. TOXICOLOGICAL INFORMATION**

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

**12. ECOLOGICAL INFORMATION**

**Mobility:** Non-volatile. Insoluble in water. Readily absorbed into soil.  
**Persistence and degradability:** Only slightly biodegradable.  
**Bioaccumulative potential:** No bioaccumulation potential.

**13. DISPOSAL CONSIDERATIONS**

**Disposal of packaging:** Dispose of in a regulated landfill site or other method for hazardous or toxic wastes.  
**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:** No significant hazard.

**Risk phrases:** None

**Safety phrases:** None

**Precautionary phrases:** Safety data sheet available for professional user on request.

**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

**Other information:** EC Directive 1999/45/EC relating to the classification, packaging and labelling of dangerous preparations.  
EC Directive 91/155/EEC defining the laying down and detailed arrangements for the system of specific information relating to dangerous preparations.

**Risk phrases used in s.3:** None

**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.