



**SAFETY DATA SHEET**  
ANTI-SEIZE 797

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

**Product name:** ANTI-SEIZE 797  
**Company name:** ROCOL  
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## 2. HAZARDS IDENTIFICATION

**Main hazards:** Limited evidence of a carcinogenic effect. May cause sensitisation by skin contact.

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

**Hazardous ingredients:** GRAPHITE POWDER 15-30%  
EINECS: 231-153-3 CAS: 7440-44-0

- NICKEL 5-15%  
EINECS: 231-111-4 CAS: 7440-02-0  
[Xn] R40; [T] R48/23; [Sens.] R43

## 4. FIRST AID MEASURES (SYMPTOMS)

**Skin contact:** There may be irritation and redness at the site of contact.  
**Eye contact:** There may be irritation and redness.  
**Ingestion:** There may be irritation of the throat.  
**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest.

## 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. Consult a doctor.  
**Ingestion:** Wash out mouth with water. Do not induce vomiting. Consult a doctor.  
**Inhalation:** Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

## 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.  
**Clean-up procedures:** 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.  
**Suitable packaging:** Must only be kept in original packaging.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- Hazardous ingredients:** GRAPHITE POWDER  
WEL (8 hr TWA): 10mg/m<sup>3</sup>
- NICKEL  
WEL (8 hr TWA): 0.1 mg/m<sup>3</sup>
- Respirable dust:** GRAPHITE POWDER  
WEL (8 hr TWA): 4mg/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:** Paste
- Colour:** Black
- Odour:** Odourless
- Evaporation rate:** Negligible
- Oxidising:** Non-oxidising (by EC criteria)
- Solubility in water:** Insoluble
- Viscosity:** Highly viscous
- Melting point/range°C:** > 100
- Flash point°C:** > 150
- Autoflammability°C:** > 150
- Relative density:** > 1

## 10. STABILITY AND REACTIVITY

- Stability:** Stable under normal conditions.
- Conditions to avoid:** Heat.
- 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

- Hazardous ingredients:** NICKEL  
IPR RAT LD50 250 mg/kg  
IVN MUS LDLO 50 mg/kg  
ORL RAT LDLO 5 gm/kg
- Routes of exposure:** Refer to section 4 of SDS for routes of exposure and corresponding symptoms.

## 12. ECOLOGICAL INFORMATION

- Mobility:** Non-volatile. Absorbed only slowly 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:** Harmful.**Risk phrases:** R40: Limited evidence of a carcinogenic effect.  
R43: May cause sensitisation by skin contact.**Safety phrases:** S36/37: Wear suitable protective clothing and gloves.  
S53: Avoid exposure - obtain special instructions before use.**Haz. ingredients (label):** NICKEL**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:** R40: Limited evidence of a carcinogenic effect.  
R48/23: Toxic: danger of serious damage to health by prolonged exposure through inhalation.  
R43: May cause sensitisation by skin contact.**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.