



## SAFETY DATA SHEET

According to Regulation (EC) No. 1907/2006 (REACH) Article 31, Annex II as amended.

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1 Product identifier

Product name: *r.s.p. Softgrease*

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

Identified uses: *Special Lubricating grease*

Uses advised against: No uses advised against identified.

#### 1.3 Details of the supplier of the safety data sheet

**Manufacturer / Supplier** r.s.p. bikecare OG  
Oberegl see 11  
4491 Niederneukirchen  
Austria  
Telephone: +43 (0) 676 3500430  
Fax: +

**Contact Person:** r.s.p. bikecare OG - Product Safety Management  
Telephone: +43 (0) 676 3500430  
Fax:  
E-mail: + office@rsbikecare.com

**1.4 Emergency telephone number:** +43 (0) 676 3500430

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

The product has been classified and labelled as hazardous according to regulation (EU) 1272/2008 (CLP).

**Classification according to Regulation (EC) No 1272/2008 as amended.**

##### Health Hazards

Serious eye irritation Category 2 H319: Causes serious eye irritation.

##### Hazard summary

**Physical Hazards:** No data available.

#### 2.2 Label Elements

Product name: *r.s.p. Softgrease*



**Signal Words:** Warning

**Hazard Statement(s):** H319: Causes serious eye irritation.

**Precautionary Statement**

**Prevention:** P280: Wear protective gloves/protective clothing/eye protection/face protection.  
P264: Wash hands thoroughly after handling.

**Response:** P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P337+P313: If eye irritation persists: Get medical advice/attention.

**2.3 Other hazards:** The product may not be released into the environment without control. By handling of chemical products no particular hazard is known when normal precautions (item 7) and personal protective equipment (item 8) are kept.

**SECTION 3: Composition/information on ingredients**

**3.2 Mixtures**

**General information:** Mixture of the substances listed below with harmless additions.

Chemical name	Identifier	Concentration *	REACH Registration No.	Notes
Organic polysulphide	EINECS: 270-335-7	>=1,00 - <10,00%		
ZnDTP	EINECS: 224-235-5	>=1,00 - <2,50%	01-2119493635-27	
ZnDTP	EINECS: 270-608-0	>=0,00 - <=1,00%	01-2119493628-22	

\* All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.  
PBT: persistent, bioaccumulative and toxic substance.  
vPvB: very persistent and very bioaccumulative substance.

**Classification**

Chemical name	Identifier	Classification
Organic polysulphide	EINECS: 270-335-7	CLP: Aquatic Chronic 4;H413
ZnDTP	EINECS: 224-235-5	CLP: Eye Irrit. 1;H318, Aquatic Chronic 2;H411
ZnDTP	EINECS: 270-608-0	CLP: Eye Dam. 1;H318, Skin Irrit. 2;H315, Aquatic Chronic 2;H411

CLP: Regulation No. 1272/2008.

For the wording of the listed risk phrases refer to section 16.

**SECTION 4: First aid measures**



Product name: *r.s.p. Softgrease*

---

**General:** Instantly remove any clothing soiled by the product.

#### 4.1 Description of first aid measures

**Inhalation:** Supply fresh air; consult doctor in case of symptoms.

**Eye contact:** Immediately flush with plenty of water for at least 15 minutes. If easy to do, remove contact lenses. Get medical attention.

**Skin Contact:** Wash with soap and water.

**Ingestion:** Rinse mouth thoroughly.

**4.2 Most important symptoms and effects, both acute and delayed:** Causes serious eye irritation.

**4.3 Indication of any immediate medical attention and special treatment needed** Get medical attention if symptoms occur.

### SECTION 5: Firefighting measures

---

#### 5.1 Extinguishing media

**Suitable extinguishing media:** CO<sub>2</sub>, fire extinguishing powder or fog like water spraying. Extinguish larger fires with alcohol resistant foam or spray water with suitable surfactant added

**Unsuitable extinguishing media:** Water with a full water jet.

**5.2 Special hazards arising from the substance or mixture:** During fire, gases hazardous to health may be formed.

#### 5.3 Advice for firefighters

**Special fire fighting procedures:** Move container from fire area if it can be done without risk. Dispose of fire debris and contaminated fire fighting water in accordance with official regulations. Collect contaminated fire fighting water separately. It must not enter drains.

**Special protective equipment for fire-fighters:** Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

### SECTION 6: Accidental release measures

---

**6.1 Personal precautions, protective equipment and emergency procedures:** In case of spills, beware of slippery floors and surfaces. Not required.

**6.2 Environmental Precautions:** Avoid release to the environment. Environmental manager must be informed of all major spillages. Prevent further leakage or spillage if safe to do so. Do not allow to enter drainage system, surface or ground water.



**Product name:** r.s.p. Softgrease

---

**6.3 Methods and material for containment and cleaning up:**

Scrape up spillage or absorb with absorbing material. Dispose of the material collected according to regulations. Stop the flow of material, if this is without risk.

**6.4 Reference to other sections:**

See Section 8 of the SDS for Personal Protective Equipment. See Section 7 for information on safe handling See Section 13 for information on disposal.

Dike for later disposal. Prevent entry into waterways, sewer, basements or confined areas. Stop the flow of material, if this is without risk.

**SECTION 7: Handling and storage:**

**7.1 Precautions for safe handling:**

Avoid contact with eyes. Wash hands thoroughly after handling. Do not eat, drink or smoke when working with the product. Take usual precautions when handling mineral oil products or chemical products.

**7.2 Conditions for safe storage, including any incompatibilities:**

Local regulations concerning handling and storage of waterpolluting products have to be followed.

**7.3 Specific end use(s):**

not applicable

**Storage Class:**

11, Combustible solids

**SECTION 8: Exposure controls/personal protection**

**8.1 Control Parameters**

**Occupational Exposure Limits**

None of the components have assigned exposure limits.

**8.2 Exposure controls**

**Appropriate engineering controls:**

Provide adequate ventilation. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

**Individual protection measures, such as personal protective equipment**

**General information:**

Wash hands before breaks and after work. Use personal protective equipment as required. Personal protection equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment. The usual precautionary measures should be adhered to in handling the chemicals or the mineral oil products.

**Eye/face protection:**

Avoid contact with eyes. Wear goggles/face shield. Safety glasses (EN 166) recommended during refilling.



**Product name: r.s.p. Softgrease**

---

**Skin protection**

**Hand Protection:**

Material: Nitrile butyl rubber (NBR).  
Min. Breakthrough time:  $\geq 480$  min  
Recommended thickness of the material:  $\geq 0,38$  mm

Avoid long-term and repeated skin contact. Suitable gloves can be recommended by the glove supplier. Use skin protection cream for preventive skin protection. Protective gloves, where permitted in acc. to safety directions. The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

**Other:**

Do not carry cleaning cloths impregnated with the product in trouser pockets. Wear suitable protective clothing.

**Respiratory Protection:**

Not relevant, due to the form of the product.

**Thermal hazards:**

Not known.

**Hygiene measures:**

Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing to remove contaminants. Discard contaminated footwear that cannot be cleaned.

**Environmental Controls:**

No data available.

**SECTION 9: Physical and chemical properties**

---

**9.1 Information on basic physical and chemical properties**

**Appearance**

<b>Physical state:</b>	solid
<b>Form:</b>	Paste
<b>Color:</b>	Light brown
<b>Odor:</b>	Characteristic
<b>Odor Threshold:</b>	Not applicable for mixtures
<b>pH:</b>	not applicable
<b>Melting Point:</b>	Not applicable for mixtures
<b>Boiling Point:</b>	$> 250$ °C
<b>Flash Point:</b>	$> 200$ °C
<b>Evaporation Rate:</b>	Not applicable for mixtures
<b>Flammability (solid, gas):</b>	Value not relevant for classification
<b>Flammability Limit - Upper (%)-:</b>	Not applicable for mixtures
<b>Flammability Limit - Lower (%)-:</b>	Not applicable for mixtures
<b>Vapor pressure:</b>	Not applicable for mixtures
<b>Vapor density (air=1):</b>	Not applicable for mixtures
<b>Density:</b>	0,94 g/cm <sup>3</sup>
<b>Solubility(ies)</b>	
<b>Solubility in Water:</b>	Insoluble in water
<b>Solubility (other):</b>	No data available.
<b>Partition coefficient (n-octanol/water):</b>	Not applicable for mixtures



Product name: *r.s.p. Softgrease*

<b>Autoignition Temperature:</b>	Value not relevant for classification
<b>Decomposition Temperature:</b>	Value not relevant for classification
<b>Flow time</b>	Value not relevant for classification
<b>Explosive properties:</b>	Value not relevant for classification
<b>Oxidizing properties:</b>	Value not relevant for classification
<b>9.2 Other information</b>	No data available.

#### SECTION 10: Stability and reactivity

<b>10.1 Reactivity:</b>	Stable under normal use conditions.
<b>10.2 Chemical Stability:</b>	Stable under normal use conditions.
<b>10.3 Possibility of hazardous reactions:</b>	Stable under normal use conditions.
<b>10.4 Conditions to avoid:</b>	Stable under normal use conditions.
<b>10.5 Incompatible Materials:</b>	Strong oxidizing substances. Strong acids. Strong bases.
<b>10.6 Hazardous Decomposition Products:</b>	Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapors.

#### SECTION 11: Toxicological information

##### Information on likely routes of exposure

<b>Inhalation:</b>	No data available.
<b>Ingestion:</b>	No data available.
<b>Skin Contact:</b>	No data available.
<b>Eye contact:</b>	Causes eye irritation.

##### 11.1 Information on toxicological effects

###### Acute toxicity

###### Oral

<b>Product:</b>	Not classified for acute toxicity based on available data.
<b>Specified substance(s)</b> ZnDTP	LD 50 (Rat): 4.358 mg/kg

###### Dermal

<b>Product:</b>	Not classified for acute toxicity based on available data.
-----------------	--

###### Inhalation

<b>Product:</b>	Not classified for acute toxicity based on available data.
-----------------	--



**Product name: r.s.p. Softgrease**

---

**Skin Corrosion/Irritation:**

**Product:**

Prolonged or repeated contact may cause irritation.

**Serious Eye Damage/Eye Irritation:**

**Product:**

Irritating.

**Respiratory or Skin Sensitization:**

**Product:**

Based on available data, the classification criteria are not met.

**Germ Cell Mutagenicity**

**Product:**

Based on available data, the classification criteria are not met.

**Carcinogenicity**

**Product:**

Based on available data, the classification criteria are not met.

**Reproductive toxicity**

**Product:**

Based on available data, the classification criteria are not met.

**Specific Target Organ Toxicity - Single Exposure**

**Product:**

Based on available data, the classification criteria are not met.

**Specific Target Organ Toxicity - Repeated Exposure**

**Product:**

Based on available data, the classification criteria are not met.

**Aspiration Hazard**

**Product:**

Based on available data, the classification criteria are not met.

**Other Adverse Effects:**

No data available.

**SECTION 12: Ecological information**

**12.1 Toxicity**

**Acute toxicity**

**Product:**

Based on available data, the classification criteria are not met.

**Fish**

**Specified substance(s)**

ZnDTP

LC 50 (Fish, 96 h): 1 - 10 mg/l

ZnDTP

LC 50 (Fish, 96 h): 4,5 mg/l (OECD 203)

**Aquatic Invertebrates**

**Specified substance(s)**

ZnDTP

EC 50 (Water Flea, 48 h): 1 - 10 mg/l

ZnDTP

EC 50 (Water Flea, 48 h): 23 mg/l (OECD 202)



**Product name: r.s.p. Softgrease**

**Chronic Toxicity Product:** Based on available data, the classification criteria are not met.

**Toxicity to Aquatic Plants**  
**Specified substance(s)**  
ZnDTP EC 50 (Alga, 72 h): 21 mg/l

## 12.2 Persistence and Degradability

**Biodegradation**  
**Product:** Not applicable for mixtures

**12.3 Bioaccumulative Potential**  
**Product:** Not applicable for mixtures

**12.4 Mobility in Soil:**  
**Product:** Not applicable for mixtures

**12.5 Results of PBT and vPvB assessment:** The product does not contain any substances fulfilling the PBT/vPvB criteria.

**12.6 Other Adverse Effects:** No data available.

**Water Hazard Class (WGK):** WGK 1: slightly water-endangering.

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

**General information:** Dispose in accordance with all applicable regulations.

**Disposal methods:** Do not empty into drains; dispose of this material and its container in a safe way. When storing used products, ensure that the waste categories and mixing instructions are observed.

## SECTION 14: Transport information

### ADR/RID

14.1 UN Number: —  
14.2 UN Proper Shipping Name: —  
14.3 Transport Hazard Class(es)  
Class: Non-dangerous goods  
Label(s): —  
Hazard No. (ADR): —  
Tunnel restriction code: —  
14.4 Packing Group: —  
14.5 Environmental hazards: —  
14.6 Special precautions for user: —





**Product name: r.s.p. Softgrease**

---

**ADN**

- 14.1 UN Number: –
- 14.2 UN Proper Shipping Name: –
- 14.3 Transport Hazard Class(es)
  - Class: Non-dangerous goods
  - Label(s): –
- 14.3 Packing Group: –
- 14.5 Environmental hazards: –
- 14.6 Special precautions for user: –

**IMDG**

- 14.1 UN Number: –
- 14.2 UN Proper Shipping Name: –
- 14.3 Transport Hazard Class(es)
  - Class: Non-dangerous goods
  - Label(s): –
  - EmS No.: –
- 14.3 Packing Group: –
- 14.5 Environmental hazards: –
- 14.6 Special precautions for user: –

**IATA**

- 14.1 UN Number: –
- 14.2 Proper Shipping Name: –
- 14.3 Transport Hazard Class(es):
  - Class: Non-dangerous goods
  - Label(s): –
- 14.4 Packing Group: –
- 14.5 Environmental hazards: –
- 14.6 Special precautions for user: –

**14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:** not applicable.

**SECTION 15: Regulatory information**

---

**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture:**

**EU Regulations**

**Regulation (EC) No. 2037/2000 Substances that deplete the ozone layer:** none

**Regulation (EC) No. 850/2004 on persistent organic pollutants:** none

**National Regulations**

Local regulations are to be kept

**Water Hazard Class (WGK):** WGK 1: slightly water-endangering.

**15.2 Chemical safety assessment:** No Chemical Safety Assessment has been carried out.



Product name: *r.s.p. Softgrease*

**SECTION 16: Other information**

**Revision Information:** Vertical lines in the margin indicate an amendment.

**Wording of the H-statements in section 2 and 3**

H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H411	Toxic to aquatic life with long lasting effects.
H413	May cause long lasting harmful effects to aquatic life.

**Other information:** The classification is in line with current EC lists. It is expanded, however, by information from technical literature and by information furnished by supplier companies. The classification results from the Conventional Method mentioned in regulation EU 1272/2008 (CLP).

**Revision Date:** 24.05.2016

**Disclaimer:** The data contained in this safety data sheet are based on our current knowledge and experience and are given to the best of our knowledge and belief. It characterizes the product only with regard to safety requirements for handling, transport and disposal. The data do not describe the product's properties (tech. product specification). Neither should any agreed property nor the suitability of the product for any specific technical application be deduced from the data contained in this safety data sheet. Modifications on this document are not allowed. The data are not transferable to other products. In the case of mixing the product with other products or in the case of processing, the data in this safety data sheet are not necessarily valid for the new-made material. It is the responsibility of the recipient of the product to observe federal, state and local law. Please contact us to obtain up-to-date safety data sheets. This document was issued electronically and has no signature.