

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier****Name of product** Soft Grease**1.2. Relevant identified uses of the substance or mixture and uses advised against  
Recommended intended purpose(s)**

see Product information

**1.3. Details of the supplier of the safety data sheet****Manufacturer/distributor**Kora Handelsgesellschaft mbH  
Olympiastraße 5, 4432 Ernsthofen, Austria  
Phone: +43 (0) 7435 810 10, Fax: +43 (0) 7435 810 10 40  
E-mail: verkauf@rsp.at  
www.rsp.at**Advice**Product Safety Management  
Phone +43 (0) 7435 810 10  
Fax +43 (0) 7435 810 10 - 40  
E-mail (competent person):  
verkauf@rsp.at**1.4. Emergency telephone number**

+43 (0) 7435 810 10

**Emergency advice**

Phone +43 (0) 676 3500 430

**! SECTION 2: Hazards identification****2.1. Classification of the substance or mixture****Classification according to 67/548/EEC or 1999/45/EC****! Additional hints**

The product does not require a hazard warning label in accordance with EC directives/German regulations on dangerous substances.

**2.2. Label elements****Labelling according to Regulation (EC) No 1272/2008 [CLP/GHS]**

No information available.

**2.3. Other hazards****Information pertaining to special dangers for human and environment**

none at appropriate handling and storage

**! SECTION 3: Composition/ information on ingredients****3.1. Substances**

not applicable

**3.2. Mixtures****Description**

Lubricating grease: thickening agent, additives and solid lubricants in highly- refined mineral oil

**! Hazardous ingredients**

CAS No	EC No	Name	[% weight]	Classification according to 67/548/EEC
68425-15-0	270-335-7	Ditertiaer-dodecylpentasulfid	1 - 10	53
4259-15-8	224-235-5	2-Ethylhexyl-zink-dithiophosphat	<= 2,5	Xi; R41; N; R51/53

  

CAS No	EC No	Name	[% weight]	Classification according to Regulation (EC) No 1272/2008 [CLP/GHS]
68425-15-0	270-335-7	Ditertiaer-dodecylpentasulfid	1 - 10	Aquatic Chronic 4, H413
4259-15-8	224-235-5	2-Ethylhexyl-zink-dithiophosphat	<= 2,5	Eye Dam. Cat1, H318 / Aquat. Chronic 2, H411

**REACH**

CAS No	Name	REACH registration number
4259-15-8	2-Ethylhexyl-zink-dithiophosphat	01-2119493635-27-0000



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**Additional advice**

none at appropriate handling and storage

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**SECTION 4: First aid measures**

**4.1. Description of first aid measures**

**General information**

Remove contaminated soaked clothing immediately, don't leave to dry.

**In case of inhalation**

Ensure of fresh air.

In the event of symptoms refer for medical treatment.  
(may be relevant for vapours of superheated product)

**In case of skin contact**

In case of contact with skin wash off with soap and water.

Don't use organic solvents

Consult a doctor if skin irritation persists.

**In case of eye contact**

In case of contact with eyes rinse with plenty of water carefully. In the event of persistent symptoms seek medical treatment.

**In case of ingestion**

In case of indisposition seek for medical advice, show safety data sheet or product label

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

**Physician's information / possible symptoms**

No symptoms known so far.

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

**Treatment (Advice to doctor)**

Treat symptoms.

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**SECTION 5: Firefighting measures**

**5.1. Extinguishing media**

**Suitable extinguishing media**

Dry fire-extinguishing substance

Carbon dioxide

sand

**Unsuitable extinguishing media**

Full water jet

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

Fire gas of organic material has to be classed invariably as respiratory poison.

**5.3. Advice for firefighters**

**Special protective equipment for fire-fighters**

In case of rescue and maintenance activities in storage containers use environment-independent breathing apparatus because of risk of suffocation by edging out of air oxygen

Wear suitable personal protective equipment for fire extinguishing measures.

**Additional information**

Collect contaminated firefighting water separately, must not be discharged into the drains.

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**SECTION 6: Accidental release measures**

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

**For non-emergency personnel**

Use personal protective clothing.

Avoid contact with skin and eyes

High risk of slipping due to leakage/spillage of product.

**For emergency responders**

unknown

**6.2. Environmental precautions**

Collect contaminated water / firefighting water separately.  
Do not discharge into the drains/surface waters/groundwater.  
Do not discharge into the subsoil/soil.

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

Take up residues with absorbent material (e.g. sand, sawdust, general-purpose binder, kieselguhr).  
Take up mechanically and send for disposal.

**Additional Information**

unknown

**6.4. Reference to other sections**

Safe handling: see section 7  
Disposal: see section 13  
Personal protection equipment: see section 8  
Emergency telephone number: see section 1

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**! SECTION 7: Handling and storage****7.1. Precautions for safe handling****Advice on safe handling**

No special measures necessary if used correctly.

**General protective measures**

Avoid contact with eyes and skin  
Do not inhale gases/vapours/aerosols.

**Hygiene measures**

Cloths contaminated with product should not be kept in trouser pockets.  
Follow general rules of industrial hygiene for safe handling of chemical products  
At work do not eat, drink and smoke.  
Remove soaked clothing immediately.  
Use barrier skin cream.

**Advice on protection against fire and explosion**

The product is combustible.  
Pay attention to general rules of internal fire prevention.

**7.2. Conditions for safe storage, including any incompatibilities****Requirements for storage rooms and vessels**

Prevent penetration into the ground.

**Advice on storage compatibility**

Do not store together with food.

**Further information on storage conditions**

Keep container tightly closed, store at cool and aired place, open and handle carefully.  
Protect from heat and direct solar radiation.  
Store in a dry place.

**Storage group** 10

**Fire class** B

**7.3. Specific end use(s)****Recommendation(s) for intended use**

see Product information

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**SECTION 8: Exposure controls/personal protection****8.1. Control parameters****Additional advice**

As basis for this information served the valid references.

**8.2. Exposure controls****Respiratory protection**

not necessary in general

**Hand protection**

nitrile gloves

**Eye protection**

safety goggles

**Other protection measures**

Usual working clothes for chemical industries

**Appropriate engineering controls**

not necessary in general

**! SECTION 9: Physical and chemical properties**

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

**Appearance**

pasty

**Colour**

light brown

**Odour**

characteristic

**Odour threshold**

No information available.

**Important health, safety and environmental information**

	Value	Temperature	at	Method	Remark	
<b>pH value</b>					not applicable	
<b>boiling range</b>	> 250 °C					
<b>melting range</b>	190 °C			DIN/ISO 2176		
<b>Flash point</b>	> 200 °C				data refer to the base oil	
<b>Vapourisation rate</b>	No information available.					
<b>Flammable (solid)</b>	No information available.					
<b>Flammability (gas)</b>	No information available.					
<b>Ignition temperature</b>	No information available.					
<b>Self ignition temperature</b>						unknown
<b>Lower explosion limit</b>	No information available.					
<b>Upper explosion limit</b>	No information available.					
<b>Vapour pressure</b>	No information available.					
<b>Relative density</b>	ca. 0,94 g/cm3	25 °C		DIN 51757		
<b>Vapour density</b>	No information available.					
<b>Solubility in water</b>						more or less insoluble
<b>Solubility/other</b>	No information available.					
<b>Partition coefficient n-octanol/water (log P O/W)</b>						not determined
<b>Decomposition temperature</b>	No information available.					
<b>Viscosity</b>	No information available.					

**Oxidising properties**

no

**Explosive properties**

no

**9.2. Other information**

No information available.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No information available.

### 10.2. Chemical stability

No information available.

### 10.3. Possibility of hazardous reactions

No information available.

### 10.4. Conditions to avoid

none at appropriate handling and storage

### 10.5. Incompatible materials

#### Materials to avoid

Reactions with strong oxidising agents.

### 10.6. Hazardous decomposition products

thermal decomposition:

Sulphurous oxides (SO<sub>x</sub>)

#### Thermal decomposition

Remark No decomposition if used as directed.

#### Additional information

All grease components show a very low level of reactivity at room temperature

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Acute toxicity/Irritability/Sensitization

	Value/Validation	Species	Method	Remark
<b>LD50 acute oral</b>				not determined
<b>Irritability skin</b>				frequent and/or persistent contact may cause skin irritation
<b>Irritability eye</b>	no irritating effects known			
<b>Skin sensitization</b>	No sensitizing effect known			

#### Experiences made from practice

no harmful effects at appropriate handling and determined usage

#### Additional information

No toxicological data available.

The product was classified on the basis of the calculation procedure of the preparation directive (1999/45/EC).

## SECTION 12: Ecological information

### 12.1. Toxicity

#### Ecotoxicological effects

	Value	Species	Method	Validation
<b>Fish</b>				not determined

### 12.2. Persistence and degradability

#### Biological

#### degradability

not determined

### 12.3. Bioaccumulative potential

The product has not been tested. Because of the product's consistency and low solubility in water bioavailability is not likely. preparation is water insoluble and does not formate emulsion

### 12.4. Mobility in soil



No information available.

**12.5. Results of PBT and vPvB assessment**

No information available.

**12.6. Other adverse effects**

**Behaviour in sewage plant**

Product gets duly not into waste water before it is not treated according to the local regulations.

Product swims on (waste-) water surface

**General regulation**

Ecological dates are not available.

Do not allow uncontrolled leakage of product into the environment.

Product is not allowed to be discharged into aquatic environment, drains or sewage treatment plants.

**SECTION 13: Disposal considerations**

**13.1. Waste treatment methods**

**Waste code No.**

12 01 12\*

**Name of waste**

spent waxes and fats

Wastes marked with an asterisk are considered to be hazardous waste pursuant to Directive 2008/98/EC on hazardous waste.

**Recommendations for the product**

Standardized regulations for residual waste disposal within the EG member states do not exist.

German statutes are prescribed in the law of "recycling and waste" (KrW/AbfG)

In accordance with regulations for special waste, must be taken to a special waste disposal.

used absorbents of chapter 6: EAK 07 06 10

**Recommendations for packaging**

Totally emptied packaging may be taken for recycling.

Dispose one-trip container according to local authority prescriptions

EAK 15 01 10: packing material with harmful contamination

**General information**

Ultimately responsible for correct classification is the waste producer, as the EWC names different codes for different origins of same waste

Therefore the a.m. recommendation has to be checked in case of need.

**! SECTION 14: Transport information**

	<b>ADR/RID</b>	<b>IMDG</b>	<b>IATA-DGR</b>
<b>14.1. UN number</b>	-	-	-
<b>14.2. UN proper shipping name</b>	-	-	-
<b>14.3. Transport hazard class(es)</b>	-	-	-
<b>14.4. Packing group</b>	-	-	-
<b>14.5. Environmental hazards</b>	-	-	-
<b>14.6. Special precautions for user</b>	no special dangers known		
<b>14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code</b>	not applicable		
<b>Land and inland navigation transport ADR/RID</b>	No dangerous goods as defined by these transport regulations.		
<b>Marine transport IMDG</b>	No dangerous goods as defined by these transport regulations.		
<b>Air transport ICAO/IATA-DGR</b>	No dangerous goods as defined by these transport regulations.		
<b>Transport/further information</b>	No hazardous goods as defined by prescriptions		



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## ! SECTION 15: Regulatory information

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

#### VOC standard

VOC content 0 %

#### National regulations

Water hazard class 1 Mixture-WGK according to VwVwS (GER)

### 15.2. Chemical Safety Assessment

Chemical Safety Assessments for mixtures is not required.

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## SECTION 16: Other information

### Training advice

Use information in this MSDS

### Recommended uses and restrictions

usage only according to instructions for use and observance of warning notes  
National and local regulations concerning chemicals shall be observed.

### Further information

The information given in this MSDS is based on the present state of knowledge and is intended to describe our products from the point of view of safety requirements only.

Substantial changes to the former version are marked by "!" on the left margin of the paper.

All the raw materials in this product are listed in TSCA.

Refer to product information paper.

Indication of changes: "!" = Data changed compared with the previous version. Previous version: 1.9

### Sources of key data used

Material Safety Data Sheets of raw materials

### Wording of the R/H-phrases specified in chapter 3 (not the classification of the mixture!)

R 41 Risk of serious damage to eyes.

R 51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R 53 May cause long-term adverse effects in the aquatic environment.

H318 Causes serious eye damage.

H411 Toxic to aquatic life with long lasting effects.

H413 May cause long lasting harmful effects to aquatic life.