



Safety data-sheet (91/155 EEC)

Printed 19.01.2007

Revision 07.02.2006 (GB) Version 1.3

RSP ULTRA SOFTGREASE

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

Name of product	RSP ULTRA SOFTGREASE
Manufacturer/distributor	KORA GmbH. Kristein 2 A-4470 Enns Phone + 43 (0) 72 23 / 8 49 47, Fax + 43 (0) 72 23 / 8 49 50 E-Mail: verkauf@rsp.at Internet: www.rsp.at
Advice	Phone + 43 (0) 72 23 / 8 49 47 Fax + 43 (0) 72 23 / 8 49 50
Emergency advice	+ 43 (0) 676 / 35 00 43 0
Recommended intended purpose(s) see Product information	

2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical characterization

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

Hazardous ingredients

CAS-No.	EC-No.	Name	[% weight]	Classification
		Zinkdialkyldithiophosphat	< 2,5	N; R51/53

Additional advice

none at appropriate handling and storage

3. HAZARDS IDENTIFICATION

Special hazards information for humans and environment

none at appropriate handling and storage

4. FIRST AID MEASURES

General information

Remove contaminated soaked clothing immediately, do not 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

Physician's information / possible symptoms

No symptoms known so far.

Treatment (Advice to doctor)

Treat symptoms.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media

Dry fire-extinguishing substance

Carbon dioxide

sand

Extinguishing media which must not be used for safety reasons

Full water jet



Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases

Fire gas of organic material has to be classed invariably as harmful when being inhaled.

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.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions

Use personal protective clothing.

Avoid contact with skin and eyes

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

Environmental precautions

Collect contaminated water / firefighting water separately.

Do not discharge into the drains/surface waters/groundwater.

Do not discharge into the subsoil/soil.

Methods for 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

Informations for disposal see chapter 13.

7. HANDLING AND STORAGE

Advice on safe handling

No special measures necessary if used correctly.

Advice on protection against fire and explosion

The product is combustible.

Pay attention to general rules of internal fire prevention.

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 10/11

Fire class B

Recommendation(s) for intended use

see Product information

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Additional advice on system design

not necessary in general

Additional advice

As basis for this information served the valid references.

Respiratory protection

not necessary in general

Hand protection

nitrile gloves

Eye protection

safety goggles

Skin protection

Usual working clothes for chemical industries

General protective measures

Avoid contact with eyes and skin

Do not inhale gases/vapours/aerosols.



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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.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form	Colour	Odour			
pasty	light brown	characteristic			
Important health, safety and environmental information					
	Value	Temperature	at	Method	Remark
pH value in delivery state					not applicable
drop point	190 °C			DIN/ISO 2176	
Flash point	> 200 °C				data refer to the base oil
Autoignition					unknown
Density	ca. 0,9 g/cm ³	25 °C		DIN 51757	
Solubility in water					more or less insoluble
Partition coefficient (log p_{OW})					not determined
Oxidizing properties					no
Explosive properties					no

10. STABILITY AND REACTIVITY

Conditions to avoid

none at appropriate handling and storage

Materials to avoid

Reactions with strong oxidising agents.

Hazardous decomposition products

thermal decomposition:
Sulphurous oxides (SO_x)

Thermal decomposition

Remark No decomposition if suitable use.

Additional information

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

11. TOXICOLOGICAL INFORMATION

Acute toxicity/Irritability/Sensitization

	Value/Validation	Species	Method	Remark
LD 50 acute oral				not determined
Irritability skin				frequent and/or persistent contact may cause skin irritation
Irritability eye	no irritating effects known			
Sensitization skin	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 (88/379/EEC).



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12. ECOLOGICAL INFORMATION

Data on elimination (persistence and degradability)

Elimination rate	Method of analysis	Method	Validation
Biological degradability			not determined

Mobility and 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

Ecotoxicological effects

Value	Species	Method	Validation
Fish			not determined

! 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 discharge product unmonitored into the environment.
Product is not allowed to discharge into aquatic environment, drains or sewage treatment plants.

13. DISPOSAL CONSIDERATIONS

Waste code No.	Name of waste
12 01 12*	spent waxes and fats

Wastes marked with an asterisk are considered to be hazardous waste pursuant to Directive 91/689/EEC 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 99 D1: 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.

14. TRANSPORT INFORMATION

Land and inland navigation transport ADR/RID

Remarks

No hazardous material as defined by the prescriptions.

Marine transport IMDG

Remarks

No hazardous goods as defined by prescriptions

Air transport ICAO/IATA-DGR

Remarks

No hazardous goods as defined by prescriptions

15. REGULATORY INFORMATION

Remarks for classification

The product does not require a hazard warning label in accordance with EC directives/German regulations on dangerous substances.
Although this product does not require a hazard warning label, we recommend that the safety advice should be observed.
Classification happened on the basis of calculation methods of preparation directive (88 / 379 / EEC).



National regulations

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

VOC standard
VOC content 0 %

16. OTHER INFORMATION

Training advice

Use information in this MSDS

Recommend 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 "I" on the left margin of the paper.

Refer to product information paper.

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

Sources of key data used

Material Safety Data Sheets of raw materials

Wording of the R-phrases specified in chapter 2 (not the classification of the formulation!)

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