



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

1.1. Product identifier

Name of product Blue Grease

1.2. Relevant identified uses of the substance or mixture and uses advised against Recommended intended purpose(s)

Lubricating grease

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
Internet www.rsp.at

Advice

Product Safety Management
Phone: +43 (0) 7435 810 10
Fax: +43 (0) 7435 810 10 - 40
E-Mail (sachkundige Person):
verkauf@rsp.at

1.4. Emergency telephone number

Emergency advice

Phone: +43 (0) 7435 810 10
Mobil: +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

R52/53

R-phrases

52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

2.2. Label elements

Labelling according to Regulation (EC) No 1272/2008 [CLP/GHS]

No information available.

2.3. Other hazards

No information available.

SECTION 3: Composition/ information on ingredients

3.1. Substances

not applicable

3.2. Mixtures

Description

Grease paste based on synthetic oil with white lubricating solids

Hazardous ingredients

CAS No	EC No	Name	[% weight]	Classification according to 67/548/EEC
68937-40-6	273-065-8	Phenol, isobutyleniert, Phosphat (3:1)	2,4 - 4,9	

CAS No	EC No	Name	[% weight]	Classification according to Regulation (EC) No 1272/2008 [CLP/GHS]
68937-40-6	273-065-8	Phenol, isobutyleniert, Phosphat (3:1)	2,4 - 4,9	Aquatic Chronic 1, H411

Additional advice

none at appropriate handling and storage

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.

SECTION 5: Firefighting measures**5.1. Extinguishing media****Suitable extinguishing media**

Foam

Dry fire-extinguishing substance

Carbon dioxide

sand

Unsuitable extinguishing media

water

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**

Use breathing apparatus with independent air supply.

Additional information

Cool endangered containers with water spray jet.

Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.

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

no special dangers known

6.2. Environmental precautions

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

Alert appropriate regulatory bodies.

Do not discharge into the subsoil/soil.

6.3. Methods and material for containment and cleaning up

Send in suitable containers for recovery or disposal.

Take up residues with absorbent material (e.g. sand, sawdust, general-purpose binder, kieselguhr).

Additional Information

no special dangers known

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

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

Take the usual precautions when handling with chemicals.

General protective measures

Avoid contact with eyes and skin

Do not inhale gases/vapours/aerosols.

Hygiene measures

Follow general rules of industrial hygiene for safe handling of chemical products

At work do not eat, drink and smoke.

Keep away from food and drink.

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 oxidising and self-inflammable materials.

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.

Recommended storage temperature: room temperature.

Information on storage stability

See technical information about storage of lubricants

Storage group 11

Fire class B

7.3. Specific end use(s)

No information available.

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

This product as such does not contain any relevant ingredients with to be observed limited values

As basis for this information served the valid references.

8.2. Exposure controls**Respiratory protection**

Not required at determined application

Hand protection

As the product is a preparation of several substances, the actual resistance of the materials used for gloves cannot be scientifically calculated; it is therefore mandatory to check this before using the product.

The break through time depends on the mechanical stress imposed and must therefore be checked individually.

Wear gloves of PVC at prolonged or intensive skin contact

Eye protection

tightly fitting goggles, in case of splashing

Other protection measures

Usual working clothes for chemical industries

Thermal hazards

no special dangers known

Appropriate engineering controls

Care for good room ventilation, exhaust system at workshop place if necessary

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance

pasty

Colour

blue

Odour

mild

Odour threshold

No information available.

Important health, safety and environmental information

	Value	Temperature	at	Method	Remark
pH value					not applicable
Boiling temperature / boiling range	No information available.				
drop point	> 300 °C			DIN/ISO 2176	
Flash point					not applicable
Vapourisation rate	No information available.				
Flammable (solid)	No information available.				
Flammability (gas)	No information available.				
Ignition temperature	No information available.				
Self ignition temperature					unknown
Lower explosion limit	No information available.				
Upper explosion limit	No information available.				
Vapour pressure	No information available.				
Relative density	ca. 1,1 g/cm ³	20 °C		DIN 51757	
Vapour density	No information available.				
Solubility in water					more or less insoluble
Solubility/other	No information available.				
Partition coefficient n-octanol/water (log P O/W)	No information available.				
Decomposition temperature	No information available.				
Viscosity	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

Heating, unshielded flame, ignition source, electrostatic charge

10.5. Incompatible materials

Materials to avoid

Reactions with acids and strong oxidising agents.

10.6. Hazardous decomposition products

none at appropriate handling and storage

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
LD50 acute oral				not determined
Irritability skin				frequent and/or persistent contact may cause skin irritation
Irritability eye	no irritating effects known			
Skin sensitization	No sensitizing effect known			

Experiences made from practice

Has a degreasing effect on the skin.
Frequent persistent contact with the skin may cause skin irritation.
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 directive 67/548/EEC (conventional method).

SECTION 12: Ecological information

12.1. Toxicity

Ecotoxicological effects

	Value	Species	Method	Validation
Fish				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

The viscous consistency of the product can cause trouble in transport lines and purification plants.

General regulation

Ecological dates are not available.
Do not allow uncontrolled leakage of product into the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Recommendations for the product

Disposal according to local authority prescriptions

Recommendations for packaging

Totally emptied packaging may be taken for recycling.
Dispose one-trip container according to local authority prescriptions

General information

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

SECTION 14: Transport information

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



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.

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.

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

Refer to product information paper.

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

H411 Toxic to aquatic life with long lasting effects.