

Sicherheits-Datenblatt NEFF Grease 000 SD 311019

Ersteller: Kausche

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## Safety data sheet NEFF Grease 000

according to 1907/2006/EC, Article 31

### 1. Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Trade name: NEFF Grease 000

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

**Application of the substance / the preparation:** grease  
**Uses advised against:** no further relevant information available

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

**Manufacturer/Supplier:**

Neff Gewindetriebe GmbH

Karl-Benz-Straße 24

71093 Weil im Schönbuch

Deutschland

Tel: +49 (0) 7157 538900

Fax: +49(0) 7157 5389025

Email: info@neff-gt.de

[www.neff-gewindetriebe.de](http://www.neff-gewindetriebe.de)

**Further information obtainable from:** Product safety department.

### 2. Hazards identification

#### 2.1. Classification of the substance or mixture

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

The product is not classified, according to the CLP regulation

#### 2.2. Label elements

**Labelling according to Regulation (EC) No 1272/2008:**

**Hazard pictograms:**

Void

**Signal word:**

Void

**Hazard statements:**

Void

**Precautionary statements:**

Void

P501 Dispose of contents/container in accordance with local regulations

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**Additional information:**

EUH208 Contains Calcium sulfonate, SCL&lt;10%. May produce an allergic reaction. EUH210 Safety data sheet available on request

**2.3 Other hazards**
**Results of PBT and vPvB assessment**
**PBT:**

Not applicable

**vPvB:**

Not applicable

**3. Composition/information on ingredients**
**3.1. Mixture**
**Description:**

Mixture of base oils with thickener and additives

**Dangerous components:**

CAS: 4259-15-8 EINECS: 224-235-5 Reg.nr.: 01-2119493635-27	Polysulfide, Di-tert-dodecyl- ----- CAS: 68425-15-0, EINECS/ELINCS: 270-335-7 ----- GHS/CLP: Aquatic Chronic 4: H413	Content: 1-10%
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**Additional information:**

The wording of the hazard symbols and H-phrases is specified in section 16 if dangerous ingredients are mentioned. Components with threshold limit values are mentioned at section 8.

**4. First aid measures**
**4.1. Description of first aid measures**
**General information:**

No special measures required

**After inhalation:**

Supply fresh air

**After skin contact:**

Immediately wash with water and soap and rinse thoroughly

**After eye contact:**

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor

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**After swallowing:** Do not induce vomiting; call for medical help immediately

**4.2. Most important symptoms and effects, both acute and delayed:** No further relevant information available

**Information for doctor:** Treat symptomatically

**4.3. Indication of any immediate medical attention and special treatment needed:** No further relevant information available

## 5. Fire fighting measures

### 5.1. Extinguishing media

**Suitable extinguishing agents:** CO<sub>2</sub>, sand, extinguishing powder;  
Use fire extinguishing methods suitable to surrounding conditions

**For safety reasons unsuitable extinguishing agents:** Do not use water with full jet

### 5.2. Special hazards arising from the substance or mixture:

In case of fire, the following can be released:  
Nitrogen oxides (NO<sub>x</sub>)  
Carbon monoxide (CO)  
Sulphur oxide (SO<sub>x</sub>)

### 5.3. Advice for firefighters

**Protective equipment:** Wear self-contained respiratory protective device.  
Do not inhale explosion gases or combustion gases.  
Wear fully protective suit.

**Additional information:** Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

## 6. Accidental release measures

**6.1. Personal precautions, protective equipment and emergency procedures:** Wear protective clothing

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**6.2. Environmental precautions:**

Do not allow to enter sewers, surface or ground water

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

Pick up mechanically; Dispose of the material collected according to regulations

**6.4. Reference to other sections:**See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment. See Section 13 for disposal information**7. Accidental release measures****7.1. Precautions for safe handling:**Store in cool, dry place in tightly closed receptacles.  
No special precautions are necessary if used correctly**Handling:**

When handling product in drums use safety footwear and suitable tools. At work please do not eat, drink or smoke

**Information about fire - and explosion protection:**

Fire class DIN EN 2: B

**7.2. Conditions for safe storage, including any incompatibilities storage:****Requirements to be met by storerooms and receptacles:**Store only in the original receptacle;  
Prevent any seepage into the ground**Information about storage in one common storage facility:**Store away from foodstuffs;  
Store away from oxidising agents;  
Store away from water**Further information about storage conditions:**Protect from humidity and water;  
Recommended storage temperature: 5 to 40°C  
Maximum 3 years**Shelf life from date of dispatch:****7.3 Specific end use(s):**

For more information see technical information

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## 8. Exposure controls/personal protection

### Additional information about design of technical facilities:

No further data; see section 7.

### 8.1. Control parameters:

#### Ingredients with limit values that require monitoring at the workplace

#### Additional occupational exposure limit values for possible hazards during processing:

TLV-TWA oil mist 5 mg/m<sup>3</sup>

#### Additional information:

The lists valid during the making were used as basis

### 8.2. Exposure controls

#### Personal protective equipment

#### General protective and hygienic measures:

The usual precautionary measures are to be adhered to when handling chemicals  
Avoid close or long term contact with the skin

#### Respiratory protection:

No respiratory protection is ordinarily required under normal conditions of use  
Select a filter suitable for combined particulate/gases and organic vapours (boiling point > 65 ° C, AP2, EN 14387), if exposure limit is exceeded or when aerosol or mist is formed

#### Protection of hands:

Safety gloves of nitrile rubber or viton.  
Preventive skin protection by use of skin-protecting agents is recommended.

#### Material of gloves:

Fluorocarbon rubber (Viton)  
Nitrile rubber, NBR  
The selection of the suitable gloves does not only depend on materials, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

#### Penetration time of glove material:

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.  
Value for the permeation: Level = 6 (480 min)

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<b>Eye protection:</b>	Safety glasses with side shields or chemical goggles are required
<b>Body protection:</b>	Protective work clothing

## 9. Physical and chemical properties

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

#### General Information

<b>Appearance:</b>	
<b>Form:</b>	Pasty
<b>Colour:</b>	Natural color
<b>Odour:</b>	Characteristic
<b>Odour threshold:</b>	Not determined
<b>pH-value:</b>	Not applicable
<b>Change in condition</b>	
<b>Melting point/freezing point:</b>	Not determined.
<b>Initial boiling point and boiling range:</b>	> 250 °C
<b>Drip point:</b>	> 200 °C (DIN ISO 2176)
<b>Flash point:</b>	> 200 °C
<b>Flammability (solid, gas):</b>	Not determined Not applicable
<b>Ignition temperature:</b>	Not determined
<b>Decomposition temperature:</b>	Not determined
<b>Auto-ignition temperature:</b>	Product is not selfigniting Not determined
<b>Explosion limits:</b>	
<b>Lower:</b>	Not determined
<b>Upper:</b>	Not determined
<b>Vapour pressure:</b>	Not applicable
<b>Density at 20 °C:</b>	~ 0.93 g/cm <sup>3</sup> (DIN 51 757)
<b>Relative density:</b>	Not determined

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<b>Vapour density:</b>	Not applicable
<b>Evaporation rate:</b>	Not applicable
<b>Solubility in / Miscibility with water:</b>	Insoluble
<b>Partition coefficient: n-octanol/water:</b>	Not determined
<b>Viscosity:</b>	
<b>Dynamic:</b>	Not determined Not applicable
<b>Kinematic at 40 °C:</b>	100 mm <sup>2</sup> /s (DIN 51 562 base oil)
<b>9.2. Other information:</b>	No further relevant information available

## 10. Stability and reactivity

<b>10.1. Reactivity See:</b>	10.2 to 10.6 No further relevant information available
<b>10.2. Chemical stability:</b>	Stable at normal conditions.
<b>Thermal decomposition/conditions to be avoided:</b>	Avoid contact with heat, sparks, flames and all other sources of ignition
<b>10.3. Possibility of hazardous reactions:</b>	Reacts with strong oxidising agents
<b>10.4. Conditions to avoid:</b>	No specific data available
<b>10.5. Incompatible materials:</b>	No further relevant information available
<b>10.6. Hazardous decomposition products:</b>	Oxides of carbon, nitrogen, sulfur and metal oxides

## 11. Toxicological information

<b>11.1. Information on toxicological effects</b>	These statements are based on data for components of the material or for similar materials
<b>Acute toxicity:</b>	Based on available data, the classification criteria are not met

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**LD/LC50 values relevant for classification:**

**4259-15-8 Zinc bis[O,O-bis(2-ethylhexyl)] bis(dithiophosphate)**

Oral • LD50 • >3,000 mg/kg (rat)

Dermal • LD50 • >5,000 mg/kg (rabbit)

**Primary irritant effect:**

**Skin corrosion/irritation:**

Based on available data, the classification criteria are not met

**Serious eye damage/irritation:**

Based on available data, the classification criteria are not met by inhalation: no irritant effect expected

**Respiratory or skin sensitisation:**

There are no indications for a sensitising potential of the product. Contains substances with sensitising potential in low concentration

**Subacute to chronic toxicity:**

Prolonged and/or repeated contact may cause defatting of the skin which can lead to dermatitis and may make the skin more susceptible to irritation and penetration by other materials

**Additional toxicological information:**

The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version. When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.

**CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**

**Germ cell mutagenicity:**

Based on available data, the classification criteria are not met

**Carcinogenicity:**

Based on available data, the classification criteria are not met

**Reproductive toxicity:**

Based on available data, the classification criteria are not met

**STOT-single exposure:**

Based on available data, the classification criteria are not met

**STOT-repeated exposure:**

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



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**Aspiration hazard:**

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

**12. Ecological information****12.1. Toxicity****Aquatic toxicity****4259-15-8 Zinc bis[O,O-bis(2-ethylhexyl)] bis(dithiophosphate)**

- |          |   |                                  |
|----------|---|----------------------------------|
| EC50/48h | ● | 1-1.5 mg/l (Daphnia magna)       |
| LC50/96h | ● | 10-35 mg/l (Pimephales promelas) |

**12.2. Persistence and degradability:**

No further relevant information available

**12.3. Bioaccumulative potential:**

No further relevant information available

**12.4. Mobility in soil:**

The product is not soluble in water. If it enters soil, it will adsorb to soil particles and will not be mobile

**Additional ecological information:**

General notes: Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water;  
Do not allow product to reach ground water, water course or sewage system

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

Not applicable

**vPvB:**

Not applicable

**12.6. Other adverse effects:**

No further relevant information available

**13. Disposal considerations****13.1 Waste treatment methods****Recommendation**

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

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**European waste catalogue**

12 01 12*	spent waxes and fats
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**Uncleaned packaging:**

Empty packing completely. Handover to authorized disposal company

**Recommendation:**

Disposal must be made according to official regulations. Empty contaminated packagings thoroughly. They may be recycled after thorough and proper cleaning

**14. Transport information**

**14.1 UN-Number**

ADR, ADN, IMDG, IATA: Void

**14.2 UN proper shipping name**

ADR, ADN, IMDG, IATA: Void

**14.3 Transport hazard class(es)**

ADR, ADN, IMDG, IATA: Void

**14.4 Packing group**

ADR, IMDG, IATA: Void

**14.5 Environmental hazards:**

Marine pollutant: No

**14.6 Special precautions for user**

Not applicable

**14.7 Transport in bulk according to Annex II of Marpol and the**

IBC Code: Not applicable

UN "Model Regulation": Void

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## 15. Transport information

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

#### Directive 2012/18/EU

**Named dangerous substances - ANNEX I**

None of the ingredients is listed

#### National regulations:

**Waterhazard class:**

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water

### 15.2 Chemical safety assessment:

A Chemical Safety Assessment has not been carried out

## 16. Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

### Recommendation of the manufacturer:

Absorb spilled liquid media with AVILUB OELBINDER and dispose in accordance with local regulations. For skin protection when handling water-mixable and not-water-mixable media we recommend application of COVER SKIN.

**Relevant phrases:**H318 Causes serious eye damage  
H411 Toxic to aquatic life with long lasting effects**Department issuing SDS:**

Department: Product safety

**Contact:**

hse@bantleon.de

**Abbreviations and acronyms:**

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)  
IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)  
ICAO: International Civil Aviation Organisation  
ICAO-TI: Technical Instructions by the "International Civil Aviation Organisation" (ICAO)  
ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)  
IMDG: International Maritime Code for Dangerous Goods  
IATA: International Air Transport Association  
GHS: Globally Harmonised System of Classification and Labelling of Chemicals  
EINECS: European Inventory of Existing Commercial Chemical Substances  
ELINCS: European List of Notified Chemical Substances

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CAS: Chemical Abstracts Service (division of the American Chemical Society)  
LC50: Lethal concentration, 50 percent  
LD50: Lethal dose, 50 percent  
vPvB: very Persistent and very Bioaccumulative  
Eye Dam. 1: Serious eye damage/eye irritation – Category 1  
Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2

**\* Data compared to the previous version altered.**

**\*\*Information about the version number:**

Replaces all previous versions.