

Safety data sheet NEFF Grease 000

according to Regulation (EC) No 1907/2006 - DE
(Commission Regulation (EU) 2020/878)

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

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

Additional information:

EUH208 Contains Calcium sulfonate, SCL<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:

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

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:**CO₂, 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_x)
Carbon monoxide (CO)
Sulphur oxide (SO_x)**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

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

Shelf life from date of dispatch:

Maximum 3 years

7.3 Specific end use(s):

For more information see technical information

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/m³

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)

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

9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

General Information

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

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

10. Stability and reactivity

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

11. Toxicological information

11.1. Information on toxicological effects	These statements are based on data for components of the material or for similar materials
Acute toxicity:	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:
according

The product is not subject to classification 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.

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

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.