

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH), (EU) 2020/878

Revision date: 9 Aug 2023

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Version: 2

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Power Grease 3000 200g

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

1.1. Product identifier

Trade name/designation:

Power Grease 3000 200g

Article No.:

T306102

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

Use of the substance/mixture:

Lubricating agent

1.3. Details of the supplier of the safety data sheet

Supplier:

KANDO Service GmbH

Hartleitnerstraße 3

4653 Eberstälzell

Austria

Telephone: +43 (0) 7241 213 79

E-mail: msds@kando.eu

1.4. Emergency telephone number

Vergiftungsinformationszentrale (VIZ), Stubenring 6, 1010 Wien, 24h: 01 406 43 43, Montag - Freitag: 8 bis 16 Uhr, Tel.: 01 406 68 98 (keine medizinische Auskunft) (Only available during office hours.)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

The mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

2.2. Label elements

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

According to EC directives or the corresponding national regulations the product does not have to be labelled.

Hazard statements: none

Supplemental hazard information	
EUH210	Safety data sheet available on request.

Precautionary statements: none

2.3. Other hazards

Adverse physicochemical effects:

This mixture does not present a physical risk. See recommendations on other products on site.

Adverse human health effects and symptoms:

This mixture does not present a health hazard except in the case of possible exceedance of the limit value at the workplace (see sections 3 and 8). This mixture does not present an environmental risk. Under normal conditions of use, there is no known or foreseeable adverse effect on the environment. foreseeable. The propellant gas is taken into account when determining the classification of the mixture for health and environment.

Other adverse effects:

The mixture does not contain any substance of very high concern (SVHC) $\geq 0.1\%$ published by the European Chemical Agency (ECHA) according to Article 57 of REACH: <http://echa.europa.eu/fr/candidate-list-table>. The mixture does not meet the criteria applied to PBT and vPvB mixtures, according to Annex XIII of REACH Directive (EC) No 1907/2006. The mixture does not contain any substance $\geq 0.1\%$ that is classified as a substance of very high concern (SVHC) according to the criteria of Commission Delegated

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Regulation (EU) 2017/2100 or the Commission Regulation (EU) 2018/605 has endocrine disrupting properties.


SECTION 3: Composition/information on ingredients

3.2. Mixtures

Additional information:

The mineral oil in this product contains 3% PCA (IP 346).

Hazardous ingredients / Hazardous impurities / Stabilisers:

Product identifiers	Substance name Classification according to Regulation (EC) No 1272/2008 [CLP]	Concentration
CAS No.: 68649-42-3 EC No.: 272-028-3	Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts Aquatic Chronic 2 (H411), Eye Dam. 1 (H318), Skin Irrit. 2 (H315)  Danger Specific concentration limit (SCL) Eye Dam. 1; H318: $C \geq 3\%$ Eye Irrit. 2; H319: $2.5\% \leq C < 3\%$	1 – < 2.5 Vol-%

Full text of H- and EUH-phrases: see section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information:

When in doubt or if symptoms are observed, get medical advice.,
Never give anything by mouth to an unconscious person or a person with cramps.

Following inhalation:

Remove person to fresh air and keep comfortable for breathing.
Consult a doctor if symptoms persist.

In case of skin contact:

Take off contaminated clothing. Wash off immediately with soap and water and rinse well.
DO NOT use solvents or thinners.
Consult a doctor if symptoms persist.

After eye contact:

Rinse immediately with plenty of water, also under the eyelid, for at least 15 minutes.
In case of eye irritation consult an ophthalmologist.

Following ingestion:

Consult a doctor and show him the label.
Do NOT induce vomiting.

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

No further relevant information available.

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

No further relevant information available.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:

Non-flammable.
Foam, Carbon dioxide, Dry extinguishing powder

Unsuitable extinguishing media:

Water jet

5.2. Special hazards arising from the substance or mixture

In case of fire, dense black smoke is often produced. Exposure to decomposition products can be harmful to health. Do not inhale smoke.

Hazardous combustion products:

Carbon monoxide, Carbon dioxide, Varied hydrocarbons, aldehydes

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5.3. Advice for firefighters

Due to the toxicity of the gases produced during thermal decomposition, self-contained breathing apparatus (isolation equipment) must be used.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Personal precautions:

Follow protective measures in sections 7 and 8.
If necessary, observe the risk of slipping.

6.1.2. For emergency responders

Personal protection equipment:

Wear personal protection equipment (refer to section 8).

6.2. Environmental precautions

Do not allow to enter into surface water or drains.

6.3. Methods and material for containment and cleaning up

For cleaning up:

Preferably clean with a detergent, do not use organic solvents.
Stop and collect leaks or spills with liquid-binding, non-combustible material, e.g.: Sand, earth, universal binder, diatomaceous earth in drums for disposal of waste. Prevent entry into drains or watercourses. If the product pollutes watercourses, rivers or sewage systems, inform the competent authorities in accordance with the prescribed procedure. Set up canisters for disposal of waste generated in accordance with applicable regulations (see section 13).

6.4. Reference to other sections

See section 7 for further information on safe handling.
For further information on personal protective equipment: see section 8.
For further information on disposal: see section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Protective measures

Advices on safe handling:

Wash hands before breaks and after work.
If necessary, observe the risk of slipping.
Avoid contact with eyes and skin.
Avoid breathing dust/fume/gas/mist/vapours/spray.
Wear personal protection equipment (refer to section 8).
Take care for the labels and safety data sheets of the chemicals to be used.

Fire prevent measures:

Prevent access for unauthorised persons.

Advices on general occupational hygiene

Do not eat, drink or smoke when using this product.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels:

Store away from heat, weather, moisture and frost.
Keep container tightly closed. Store in a cool dry place.

Further information on storage conditions:

Keep only in original packaging.

7.3. Specific end use(s)

Recommendation:

No further relevant information available.

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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No data available

8.2. Exposure controls

8.2.1. Appropriate engineering controls

No data available

8.2.2. Personal protection equipment

Eye/face protection:

Avoid contact with eyes. Use eye protection against liquid splashes. Safety goggles complying with standard EN 166 must be worn at all times during use.

Skin protection:

Hand protection:

Wear suitable protective gloves in case of prolonged or repeated skin contact.

Glove material: NBR (Nitrile rubber)

Body protection:

Personnel must wear regularly washed work clothes. After contact with the product, all soiled parts of the body must be washed.

Other protection measures:

Use clean and properly maintained personal protective equipment. Keep personal protective equipment in a clean place, away from the work area. Do not eat, drink or smoke during use. Remove and wash contaminated clothing before reuse. Provide adequate ventilation, especially in enclosed spaces.

8.2.3. Environmental exposure controls

No data available

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance

Physical state: Paste

Colour: blue

Odour: not determined

Safety relevant basis data

Parameter	Value	① Method ② Remark
Initial boiling point and boiling range	No data available	
Evaporation rate	No data available	
Vapour pressure	No data available	
Density	< 1 g/cm ³	
Water solubility	practically insoluble	

9.2. Other information

No further relevant information available.

SECTION 10: Stability and reactivity

10.1. Reactivity

No further relevant information available.

10.2. Chemical stability

The product is stable under storage at normal ambient temperatures.

10.3. Possibility of hazardous reactions

No further relevant information available.

10.4. Conditions to avoid

Heat

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10.5. Incompatible materials

strong oxidants, oxidising substances

10.6. Hazardous decomposition products

Carbon monoxide, Carbon dioxide, Varied hydrocarbons, aldehydes

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Toxicological information

Mixture related information
LD ₅₀ oral: 5,500 mg/kg
LD ₅₀ dermal: 5,174 mg/kg

Acute oral toxicity:

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

Acute dermal toxicity:

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

Acute inhalation toxicity:

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

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.

Respiratory or skin sensitisation:

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

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.

11.2. Information on other hazards

Endocrine disrupting properties:

None of the ingredients are included.

SECTION 12: Ecological information

12.1. Toxicity

Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts	CAS No.: 68649-42-3	EC No.: 272-028-3
LC ₅₀ : 1 - <10 mg/L 4 d (fish, Pimephales promelas)		
EC ₅₀ : 1 - <10 mg/L 2 d (crustaceans, Daphnia magna)		

Aquatic toxicity:

No further relevant information available.

Assessment/classification:

No further relevant information available.

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12.2. Persistence and degradability

Biodegradation:

Not readily biodegradable.

12.3. Bioaccumulative potential

Accumulation / Evaluation:

No further relevant information available.

12.4. Mobility in soil

No further relevant information available.

12.5. Results of PBT and vPvB assessment

Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts	CAS No.: 68649-42-3	EC No.: 272-028-3
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Results of PBT and vPvB assessment: —

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.6. Endocrine disrupting properties

None of the ingredients are included.

12.7. Other adverse effects

No further relevant information available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Dispose of waste according to applicable legislation. Do not allow to enter into surface water or drains.

Waste treatment options

Appropriate disposal / Product:

Waste disposal must be carried out without risk to people and the environment, in particular to water, air, soil, fauna and flora. Disposal or recycling in accordance with valid legislation preferably by an authorised waste collector or a specialist waste management company. Do not contaminate soil or groundwater, do not dispose of waste in the environment.

Appropriate disposal / Package:

Only dispose of the container when it is empty. Do not remove the label(s) on the container. Return to an authorised disposal company.

SECTION 14: Transport information

Land transport (ADR/RID)	Inland waterway craft (ADN)	Sea transport (IMDG)	Air transport (ICAO-TI / IATA-DGR)
14.1. UN number or ID number			
No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.
14.2. UN proper shipping name			
No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.
14.3. Transport hazard class(es)			
not relevant	not relevant	not relevant	not relevant
14.4. Packing group			
not relevant	not relevant	not relevant	not relevant
14.5. Environmental hazards			
not relevant	not relevant	not relevant	not relevant
14.6. Special precautions for user			
not relevant	not relevant	not relevant	not relevant

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14.7. Maritime transport in bulk according to IMO instruments

not applicable

SECTION 15: Regulatory information

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

15.1.1. EU legislation

Authorisations:

Information regarding classification and labelling is provided in Section 2: The following Directives have been taken into account: - Regulation (EC) No 1272/2008 as amended as Regulation (EU) No 2016/1179. (ATP 9) Information regarding packaging: The mixture does not contain any ingredient subject to restriction according to Annex XVII of REACH Regulation (EC) No 1907/2006: <https://echa.europa.eu/substances-restricted-under-reach>. - Special provisions: No information available.

15.1.2. National regulations

No data available

15.2. Chemical Safety Assessment

A chemical safety assessment has not been carried out.

SECTION 16: Other information

16.1. Indication of changes

No data available

16.2. Abbreviations and acronyms

ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
CAS	Chemical Abstracts Service
CLP	Classification, Labelling and Packaging
ECHA	European Chemicals Agency
EN	European Standard
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods
IMO	International Maritime Organization
LD ₅₀	Lethal (fatal) Dose 50%
NFPA	National Fire Protection Association
PBT	persistent and bioaccumulative and toxic
REACH	Registration, Evaluation and Authorization of Chemicals
RID	Dangerous goods regulations for transport by rail
SCL	Specific concentration limit
SVHC	substances of very high concern
UN	United Nations

16.3. Key literature references and sources for data

No data available

16.4. Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]

The mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

16.5. List of relevant hazard statements and/or precautionary statements from sections 2 to 15

Hazard statements	
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H411	Toxic to aquatic life with long lasting effects.

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16.6. Training advice

No data available

16.7. Additional information

To the best of our knowledge, the information contained herein is accurate. However, neither the above-mentioned supplier nor its subsidiaries assume any liability with regard to the correctness or completeness of the information provided. A final determination of the suitability of individual materials is the sole responsibility of the user. All materials may involve unknown risks and should be used with caution. While certain risks are described herein, we cannot guarantee that these are the only possible risks.