Safety Data Sheet – CyclingCeramic Premium Assembly Grease

25 November 2026

According to Regulation (EC) No 1907/2006 (REACH), Annex II as amended by Regulation (EU) 2020/878.

Product	Version	Revision date	Supersedes
CyclingCeramic Premium Assembly Grease	1.0	25/11/2026	First edition

Section 1: Identification of the mixture and of the company

1.1 Product identifier

- Trade name: CyclingCeramic Premium Assembly Grease
- Reference: CCASSEMBLY200ML
- Product form: mixture (lubricating grease) – pack size: 200 ml

1.2 Relevant identified uses and uses advised against

- Recommended use: multi-purpose assembly grease for bicycle components (threads, bottom brackets, seatposts, axles).
- Users: consumers and professionals.
- Uses advised against: none known.

1.3 Details of the supplier of the safety data sheet

CyclingCeramic, 6 route de Blois, 45130 Meung-sur-Loire, France – Phone: +33 6 84 94 44 55 – E-mail: contact@cyclingceramic.fr – Website: cyclingceramic.com

1.4 Emergency telephone number

France – ORFILA (INRS): +33 (0)1 45 42 59 59. Outside France: contact your national poison centre.

Section 2: Hazards identification

2.1 Classification of the mixture (Regulation (EC) No 1272/2008 [CLP])

Not classified.

2.2 Label elements

- Hazard pictogram: none – Signal word: none – Hazard statement: none
- Supplemental statement: EUH210 – Safety data sheet available on request.

2.3 Other hazards

Combustible product. Thermal decomposition generates toxic vapours. Prolonged and repeated skin contact may cause reddening, irritation and dermatitis. May irritate the

eyes. Ingestion may cause nausea, vomiting and diarrhoea. When stored or handled at high temperature, the product may release hydrogen sulphide (H2S). The mixture does not meet the PBT or vPvB criteria.

Section 3: Composition / information on ingredients

3.2 Mixture

- Mixture of hydrocarbons, thickeners and additives.
- Mineral base oil, severely refined (DMSO extract < 3%, IP 346) – 70-80% – not classified.
- Phosphorodithioic acid, mixed O,O-bis(iso-Bu and pentyl) esters, zinc salts – EC No 270-608-0 – CAS No 68457-79-4 – REACH No 01-2119493628-22 – 1.5-2% – Skin Irrit. 2 H315; Eye Dam. 1 H318; Aquatic Chronic 2 H411 (specific limit: Skin Irrit. 2 if C > 15%).
- Calcium long chain alkaryl sulfonate – CAS No 722503-69-7 – 1-1.5% – Aquatic Chronic 4 H413.

Section 4: First aid measures

4.1 Description of first aid measures

- Inhalation: move to fresh air, keep the casualty warm and at rest. Seek medical advice if breathing is difficult.
- Skin contact: take off contaminated clothing and shoes. Wash thoroughly with soap and water. If irritation occurs, get medical advice.
- Eye contact: rinse immediately with plenty of water. If irritation, blurred vision or swelling persists, consult a specialist.
- Ingestion: do NOT induce vomiting. If the person is conscious, rinse mouth without swallowing. Call a doctor. Do not give anything by mouth to an unconscious person.

4.2 Most important symptoms and effects, both acute and delayed

Skin: reddening, irritation and dermatitis after prolonged and repeated contact. Eyes: light transient irritation. Ingestion: nausea, discomfort, gastric disturbances. Inhalation: none under normal conditions.

4.3 Indication of any immediate medical attention needed

Obtain medical attention if symptoms persist. If inhalation of H2S is suspected, send to hospital and provide respiratory support.

Section 5: Firefighting measures

5.1 Extinguishing media

- Suitable: carbon dioxide, earth, sand, dry chemical powder or foam.
- Unsuitable: heavy water stream (water may be used to cool containers).

5.2 Special hazards arising from the mixture

Combustible product, not classified as flammable. Incomplete combustion produces fumes containing carbon monoxide, oxides of nitrogen, sulphur, zinc, phosphorus and calcium,

and hydrogen sulphide.

5.3 Advice for firefighters

Cool containers exposed to flames with water spray. For large fires or in confined spaces, wear full fire-resistant clothing and self-contained breathing apparatus (EN 443, EN 469, EN 659).

Section 6: Accidental release measures

6.1 Personal precautions

Avoid direct contact with the product. Eliminate ignition sources. Spill area may be slippery. Wear the equipment described in Section 8.

6.2 Environmental precautions

Prevent the product from entering sewers, watercourses or soil.

6.3 Methods and material for containment and cleaning up

Cover with non-combustible material (sand, earth, vermiculite), collect into suitable containers for disposal, then wash the area with plenty of water.

Section 7: Handling and storage

7.1 Precautions for safe handling

Keep away from heat, sparks, flames and hot surfaces. Avoid contact with skin, eyes and clothing. Use in a well-ventilated area. Do not eat, drink or smoke during use. Wash hands after use; do not clean hands with oil-soaked rags.

7.2 Conditions for safe storage

Store in a dry, well-ventilated area, away from heat and ignition sources, with the container tightly closed and properly labelled. Keep away from strong oxidants.

7.3 Specific end uses

None other than the uses listed in Section 1.2.

Section 8: Exposure controls / personal protection

8.1 Control parameters

Severely refined mineral base oil (mists): 5 mg/m³ 8-hour TWA and 10 mg/m³ 15-min STEL (values applied in several EU countries). Zinc dithiophosphate additive – worker DNEL: long-term inhalation 8.13 mg/m³; long-term dermal 11.87 mg/kg/day.

8.2 Exposure controls

- Engineering measures: good ventilation of the work station; minimise mists and vapours.
- Hand protection: not required for occasional use; for prolonged or repeated contact, nitrile or PVC gloves (EN 374).
- Eye protection: safety glasses (EN 166).
- Respiratory protection: not necessary with sufficient ventilation.

Section 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state	Solid (soft paste, slightly hazy)
Colour	Green
Odour	Characteristic
Boiling point	> 250 °C (ASTM D 1160)
Flash point	> 200 °C (ASTM D 93)
Decomposition temperature	> 240 °C
Flammability	Non-flammable
Density	0.91 kg/l at 15 °C (ASTM D 1298)
Water solubility	Immiscible, insoluble
Penetration (NLGI grade)	265 – 295 dmm at 25 °C (ASTM D 217) – NLGI 2
Drop point	> 140 °C (ASTM D 566)
Explosive / oxidising properties	None

Section 10: Stability and reactivity

10.1 to 10.6

- Stable under normal storage and handling conditions; no known hazardous reactions.
- Conditions to avoid: none under normal conditions.
- Incompatible materials: strong oxidants.
- Hazardous decomposition products: toxic fumes on thermal decomposition.

Section 11: Toxicological information

11.1 Information on hazard classes

- Acute toxicity, irritation, sensitisation, mutagenicity, carcinogenicity, reproductive toxicity, STOT and aspiration hazard: not classified (criteria not met).
- Base oil: oral LD50 (rat) > 5000 mg/kg; dermal LD50 (rat) > 5000 mg/kg; inhalation LC50 (rat) > 5 mg/l/4 h. Base oils with DMSO extract < 3%: no carcinogenic effect.
- Zinc dithiophosphate: oral LD50 (rat) 3600 mg/kg; dermal LD50 (rabbit) 20,000 mg/kg.
- Possible effects: temporary reddening and irritation of the eyes; reddening, irritation and dermatitis after prolonged and repeated skin contact; respiratory irritation from inhalation of vapours.

11.2 Other hazards

No data available on endocrine-disrupting properties.

Section 12: Ecological information

12.1 to 12.7

- Toxicity: the product is not considered harmful to aquatic organisms; not classified. Insoluble, it floats and forms a film on the water surface.
- Persistence and degradability: constituents are inherently but not readily biodegradable; to be considered, as a precaution, as persistent.
- Bioaccumulation: not established; some components may bioaccumulate.
- Mobility: the product adsorbs onto soil.
- PBT / vPvB: criteria not met.

Section 13: Disposal considerations

13.1 Waste treatment methods

Do not discharge the product, new or used, into sewers or watercourses. Hand over to a recycling centre or approved collector. Indicative waste code: 12 01 12* (spent waxes and fats). Do not puncture, weld or burn uncleaned empty containers.

Section 14: Transport information

14.1 to 14.7

Not regulated (ADR, RID, ADN, IMDG, IATA).

Section 15: Regulatory information

15.1 Specific regulations

- Regulation (EC) No 1907/2006 (REACH) and Regulation (EC) No 1272/2008 (CLP).
- No REACH candidate-list (> 0.1%) or Annex XIV substances. Annex XVII, entries 3(b) and 3(c), applicable to certain additives.
- France – occupational diseases: table RG 36 (conditions caused by mineral or synthetic oils and greases).

15.2 Chemical safety assessment

No chemical safety assessment has been carried out for this mixture.

Section 16: Other information

- Full text of statements in Section 3 (for information only, not the classification of the product): H315 – Causes skin irritation. H318 – Causes serious eye damage. H411 – Toxic to aquatic life with long lasting effects. H413 – May cause long lasting harmful effects to aquatic life. EUH210 – Safety data sheet available on request.
- First edition, issued 25/11/2026 on the basis of the raw-material supplier's safety data sheet. The information in this sheet is correct to the best of our knowledge at the date of publication. It is given as guidance for safe handling, use, storage, transport and disposal and is not a warranty or quality specification.