Safety Data Sheet – CyclingCeramic Race Grease

Nov 24, 2026

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

Product	Version	Revision date	Supersedes
CyclingCeramic Race Grease	1.0	24/11/2026	First edition

Section 1: Identification of the mixture and of the company

1.1 Product identifier

- Trade name: CyclingCeramic Race Grease
- Reference: CCGREASETT
- Product form: mixture – pack size: 10 ml

1.2 Relevant identified uses and uses advised against

- Recommended use: lubricating grease for high-speed bearings.
- Users: consumers and professionals.

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])

Hazardous to the aquatic environment, long-term hazard, Category 2: H411.

2.2 Label elements

- Hazard pictogram: GHS09 (environment)
- Signal word: none

- Hazard statement: H411 – Toxic to aquatic life with long lasting effects.
- Precautionary statements:
  - P273 – Avoid release to the environment.
  - P391 – Collect spillage.
- Supplemental statement: EUH208 – Contains condensation products of tall-oil fatty acids with 2-amino-2-ethylpropanediol and benzotriazole derivatives. May produce an allergic reaction.

2.3 Other hazards

The mixture contains a component assessed as PBT (triphenyl phosphorothioate). It contains no vPvB substances and no endocrine disruptors at ⩾ 0.1%.

Section 3: Composition / information on ingredients

3.2 Mixture: synthetic hydrocarbon oil and ester oil, thickened with polyurea.

Substance	CAS No.	EC No.	Concentration (% w/w)	CLP classification
1-Decene, homopolymer, hydrogenated	68037-01-4	500-183-1	⩾ 30 to < 50	Not classified
Polyurea	1266545-66-7	–	⩾ 10 to < 20	Aquatic Chronic 4, H413
Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene	68411-46-1	270-128-1	⩾ 1 to < 3	Repr. 2, H361f
Triphenyl phosphorothioate	597-82-0	209-909-9	⩾ 1 to < 2.5	Aquatic Chronic 1, H410 (M-factor 10)
Condensation products of tall-oil fatty acids with 2-amino-2-ethylpropanediol	–	946-010-7	⩾ 0.1 to < 1	Skin Sens. 1, H317
Mixture of N,N-bis(2-ethylhexyl)-methylbenzotriazole-1-methanamine derivatives	–	939-700-4	⩾ 0.1 to < 0.25	Skin Irrit. 2, H315; Skin Sens. 1B, H317; Aquatic Acute 1, H400; Aquatic Chronic 2, H411

Full text of H statements: see Section 16.

Section 4: First aid measures

4.1 Description of first aid measures

- Inhalation: move to fresh air, keep warm and at rest, get medical advice. Keep airways clear; give artificial respiration if breathing is irregular or has stopped; place in the recovery position if unconscious.
- Skin contact: remove contaminated clothing immediately. Wash thoroughly with plenty of water. Get medical attention if irritation persists. Wash clothing and clean shoes before reuse.
- Eye contact: rinse immediately with plenty of water for at least 10 minutes, including under the eyelids. Consult a specialist if irritation persists.
- Ingestion: do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person. Get medical attention.

4.2 Most important symptoms and effects, both acute and delayed

No symptoms known or expected, apart from a risk of allergic skin reaction.

4.3 Immediate medical attention and special treatment

Treat symptomatically.

Section 5: Firefighting measures

- 5.1 Suitable extinguishing media: water spray, alcohol-resistant foam, dry powder, carbon dioxide. Unsuitable: full water jet.
- 5.2 Special hazards: combustion releases oxides of carbon, nitrogen, sulphur and phosphorus. Inhaling decomposition products may damage health.
- 5.3 Advice for firefighters: wear self-contained breathing apparatus and personal protective equipment. Collect contaminated firefighting water separately; do not discharge it into drains.

Section 6: Accidental release measures

- 6.1 Personal precautions: evacuate personnel to a safe area, ensure adequate ventilation, avoid breathing vapours or aerosols. See Sections 7 and 8.
- 6.2 Environmental precautions: prevent contact with soil, surface water and groundwater. Inform the authorities if waters or drains are contaminated.
- 6.3 Clean-up methods: collect the product and place it in suitably labelled containers for disposal (Section 13).

Section 7: Handling and storage

7.1 Precautions for safe handling

- Avoid contact with eyes and skin.
- Do not eat, drink or smoke during use. Wash hands and face before breaks and after handling.
- Empty packaging may contain residues: take the same precautions.
- Keep containers closed when not in use.

7.2 Conditions for safe storage

Keep in the original, closed container in a cool, dry, well-ventilated place. Keep containers upright and tightly closed to prevent leakage.

7.3 Specific end use(s)

No specific instructions.

Section 8: Exposure controls / personal protection

8.1 Control parameters

Substance	Limit value (German reference TRGS 900)
1-Decene, homopolymer, hydrogenated	5 mg/m³ (alveolar fraction)
Triphenyl phosphorothioate	20 mg/m³ (inhalable fraction)

Worker DNELs, long-term, systemic effects: benzenamine reaction products 0.44 mg/kg bw/day (dermal), 0.31 mg/m³ (inhalation); triphenyl phosphorothioate 0.4 mg/kg (dermal), 1.39 mg/m³ (inhalation).

8.2 Exposure controls

Protection	Measure
Engineering controls	Use with suitable ventilation or extraction.
Eyes	Safety glasses.
Hands	Nitrile rubber gloves (EN 374, Regulation (EU) 2016/425); breakthrough time > 10 min (class 1).
Body	Protective clothing suited to the workplace.
Respiratory	Not required unless aerosols form: type P filter.

Protection	Measure
Environment	Prevent release into drains, soil and water.

Section 9: Physical and chemical properties

Property	Value
Physical state	Paste
Colour	Beige
Odour	Characteristic
Flammability	Combustible solid
Flash point	Not applicable
Vapour pressure	< 0.001 hPa at 20 °C
Relative density	0.92 at 20 °C (calculated)
Solubility in water	Insoluble
Explosive properties	Not explosive
pH, kinematic viscosity	Not applicable
Odour threshold, melting and boiling points, auto-ignition, decomposition, partition coefficient	No data available

Section 10: Stability and reactivity

No particular reactivity hazards. Stable under normal conditions. No hazardous reactions, conditions to avoid or incompatible materials known under intended use. No hazardous decomposition products under normal storage and use.

Section 11: Toxicological information

Mixture: no product-specific data. Skin contact: possible redness and local irritation.

Components – acute toxicity (rat)

Component	Oral LD50	Dermal LD50
1-Decene, homopolymer, hydrogenated	> 5,000 mg/kg	> 2,000 mg/kg (rabbit)
Polyurea	> 2,000 mg/kg	> 2,000 mg/kg
Benzenamine reaction products	> 5,000 mg/kg	> 2,000 mg/kg
Triphenyl phosphorothioate	> 10,000 mg/kg	> 2,000 mg/kg
Benzotriazole derivatives	3,313 mg/kg	> 2,000 mg/kg

- Irritation: benzotriazole derivatives are irritating to skin; the other components are not irritating.
- Sensitisation: benzotriazole derivatives (Category 1B) and the fatty acid condensation products may cause skin sensitisation.
- Reproductive toxicity: benzenamine reaction products are classified H361f; their concentration in the mixture does not lead to classification of the product.
- Mutagenicity, carcinogenicity, STOT, aspiration hazard: not classified.

Section 12: Ecological information

- 12.1 Toxicity: toxic to aquatic life with long lasting effects. Benzotriazole derivatives: fish LC50 1.3 mg/l; triphenyl phosphorothioate: fish NOEC 0.0017 mg/l (97 days).
- 12.2 Persistence and degradability: components not readily biodegradable.
- 12.3 Bioaccumulative potential: high for several components (log Pow > 5; BCF up to 2,551 for triphenyl phosphorothioate).
- 12.4 Mobility in soil: no data available.
- 12.5 PBT and vPvB: triphenyl phosphorothioate is assessed as PBT; no vPvB components.

Section 13: Disposal considerations

- Do not dispose of with household waste or discharge into drains, watercourses or soil.
- Dispose of as hazardous waste in accordance with local and national regulations.
- Recommended waste codes: 12 01 12* (spent waxes and fats); 15 01 10* (packaging containing residues of hazardous substances). Packaging that is not properly emptied is treated as the product.

Section 14: Transport information

Mode	UN No.	Proper shipping name	Class	Packing group	Environmental hazard
ADR / RID / ADN	UN 3077	Environmentally hazardous substance, solid, n.o.s. (triphenyl phosphorothioate)	9	III	Yes
IMDG	UN 3077	Environmentally hazardous substance, solid, n.o.s. (triphenyl phosphorothioate)	9	III	Yes, marine pollutant
IATA	UN 3077	Environmentally hazardous substance, solid, n.o.s. (triphenyl phosphorothioate)	9	III	Yes

Note: under ADR, single or inner packagings containing no more than 5 kg of solid may fall under special provision 375 (not subject to ADR).

Section 15: Regulatory information

- Regulation (EC) No 1907/2006 (REACH) and Regulation (EC) No 1272/2008 (CLP).
- Candidate List of substances of very high concern (SVHC): contains triphenyl phosphorothioate (CAS 597-82-0).
- REACH Annexes XIV and XVII: not applicable.
- Seveso III Directive: category E2 (hazardous to the aquatic environment).
- German water hazard class (WGK): 2.
- VOC content: 0.35%.

Section 16: Other information

Full text of H statements in Section 3

- H315: Causes skin irritation.
- H317: May cause an allergic skin reaction.
- H361f: Suspected of damaging fertility.
- H400: Very toxic to aquatic life.
- H410: Very toxic to aquatic life with long lasting effects.
- H411: Toxic to aquatic life with long lasting effects.
- H413: May cause long lasting harmful effects to aquatic life.

Classification method: Aquatic Chronic 2, H411, calculation method.

Revision history: version 1.0 of 24/11/2026, first edition under the CyclingCeramic brand, prepared from the safety data of the mixture's manufacturer.

The information in this sheet reflects our current knowledge. It describes the product from a safety point of view and does not guarantee its properties.