



Safety Data Sheet

This version supersedes all previous versions. Published 1st April 2016.
This SDS has been created in the format of CLP Regulation (EC) No 1272/2008 in accordance with Globally Harmonized System of Classification and Labelling of Chemicals (GHS) though provided voluntarily as product is not hazardous. This SDS also follows REACH EC No 1907/2006.

Version 2.3

Updated 27/05/2022

Reason for update: Change of address and Distributors (section 1.3):

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

1.1 Product identifier:

Green Oil Ecogrease

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

Bicycle grease for use on pivots, quick release pins and other grease applications.

1.3 Details of the Supplier of the Safety Data Sheet: Manufacturer / Supplier

Green Oil UK Ltd,
Unit CC.106,
Cocoa Studios,
The Biscuit Factory,
100 Drummond Road,
Bermondsey,
Southwark,
London
SE16 4FA
United Kingdom
What3Words location: **Finds.Curve.Nature**
Info@GreenOil.cc
+44 (0)20 7274 8725
Office hours: 0900: 1800 GMT.

International Distributors / Suppliers:

Australia: Carbuta, PO Box 1384, Cronulla NSW 2230 Australia.

allan@carbuta.com.au. +61 439 902 770

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info@esbt.one. +49 (0)7562 981 35 39.

Belgien: Technolyt, Way Group, Industrieweg 35, 1521 NE Wormerveer, Netherland

+31 (0) 75 647 45 45. info@technolyt.nl.

Ceská Republika: TL Sport UK Ltd, 66 Dunnock close, London, N9 8UD, +447785944206

info@TLsportuk.com.

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52704300 info@x-bike.dk.

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España: Cultbikes Racing S.L, PG STA. Maria Park C. Maeresma No.2, 08460, STA. Maria

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Regon 221084187. Tel: 58 520 18 04 info@7anna.com.pl.

Portugal: Outside Sports Comércio de Artigos Desportivos, Lda, Rua António Leal da

Ascensão 18 A /, Torres Vedras, Portugal. sales@OutsideSports.pt.

România: Black Market Bikes: mun. Oradea, str. Aluminei, nr 24, bl. PC 82, ap. 1, jud: Bihor.

info@Black-Market.ro. 40746527869

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4090. contact@stridersingapore.com

South Africa: Cutting Edge Marketing cc, PO Box 1965, Faerie Glen, 0043.

info@cuttingedgesa.co.za. 0825 633 698

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mail@indiansumer.ch. 43 499 03 43.

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Suomi: Power Factory, Uimonen Trading OY, Kaskimäenkatu 7, 33900 Tampere, Finland,

info@uimonen.fi. 03-2656 700

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New Zealand: Bikes International, 38 Airpark Dr, Mangere 2022, Auckland, New Zealand.

+64 9 267 1245. Info@bikesinternational.co.nz

United States of America: Zeitbike LLC, 298 Dalton Street, Ventura CA 93003.

312.375.3275. Info@Zeitbike.com. (National Poison Line: 1-800-222-1222)

United Kingdom: i-ride (The Martlet Group Ltd), 7-8B Mid Sussex Business Park, Ditchling

Common Ind. Est, Folders Lane East, Ditchling, Sussex, BN6 8SE United Kingdom. 01444

243 00. info@i-ride.co.uk.

And Green Oil UK Ltd, Unit CC.106, Cocoa Studios, The Biscuit Factory, 100 Drummond

Road, Bermondsey, Southwark, London SE16 4FA, United Kingdom. 020 7274 8725.

info@greenoil.cc. Office hours: 0900: 1800 weekdays.

Section 2: Hazards identification

This product does not meet the criteria for classification in any hazard class according to Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures.

Nor is there a Union workplace exposure limit.

2.1 Classification of the substance or mixture:

Not-hazardous

2.2 Label elements

None required

Signal word:

None

Hazard Statements:

None

Prevention:

DO NOT DRINK

Response: None

Disposal:

P501	Dispose of contents to compost bin or suitable waste disposal facility. Dispose of packaging to landfill, incineration or mixed plastic recycling bin which accepts plastic mix 7.
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2.3 Other hazards

None

Section 3: Composition / information on ingredients

3.1 Non hazardous ingredients

100% sustainably sourced plant based oils and natural wax

Section 3.2: Hazardous ingredients:

None

Section 4: First Aid Measures

4.1 Description of first aid measures

General notes

Following inhalation: No medical attention necessary if just vapour from fluid is inhaled.

Following skin contact: Wash with soap and water, use rag if available for large quantities.

Following eye contact: If needed, rinse eye with slow flowing cool water for 1 minute, or with eye wash according to eye wash instructions.

Following ingestion: Do not induce vomiting. A cola like drink is recommended to aid digestion if copious amounts have been consumed. This will also remove foul taste from mouth.

Self-protection of the first aider: Take normal, reasonable precautions.

Precautionary phrases

DO NOT DRINK

4.2 Most important symptoms and effects

A sensation of feeling bloated.

4.3 Indication of any immediate medical attention and special treatment needed

None are product specific. If a person feels more than just bloated or tired after consuming product, seek medical attention.

Section 5: Firefighting measures

5.1 Extinguishing media

Use foam or CO₂ to extinguish.

(Water is not recommended as this product floats on top of water. Water sprayed at a large quantity of Ecogrease on fire could result in a similar affect to a chip pan fire, with ignited fluid splashing and causing harm.)

5.2 Special hazards arising from the substance or mixture

Water can be used to extinguish fire but only where the product is spread thin over a flatish surface. If there is a large quantity of product in a vessel, water should not be used as the product is lighter than water, and the water would go to the bottom of the vessel, burn and cause hazardous flashing.

However, this is an unlikely situation as the product comes in container less than 1 litre in volume.

Foam and CO₂ are the preferred extinguishing medium.

5.3 Advice or fire-fighters.

Product is fully biodegradable

In waterways product will biodegrade.

Section 6: Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures.

When servicing a bike, wear latex, or neoprene gloves when using in case other toxic lubricant residue can make contact with your skin.

Ecogrease is non-toxic and skin safe, so no gloves need be worn generally.

6.1.1 For non-emergency personnel

No special precautions required

6.1.2 For emergency responders

No special precautions required.

6.2 Environmental precautions:

If spilt in vast quantities, use sand or soil to absorb.

Biodegradable and not environmentally hazardous in normal use.

6.3: Methods and material for containment and cleaning up

6.3.1 For containment:

Generally a consumer may spill up to 200ml from a single tube.

This advice is only relevant if a large number of bottles are damaged, and a vast quantity of product spilled:

Bunding, soil or sand may be used to contain a spill.

6.3.2 For cleaning up:

For containment:

Neutralising techniques: Use water, sand or soil.

Decontamination techniques: Use soap and water to remove from skin.

Use water at high pressure, or water with degreasing agent to wash away from roads.

Absorbent materials: sand or soil

For cleaning up:

Vacuuming techniques: Product is too thick to be sucked up with a normal vacuum cleaner.

Product can be scooped up with a spade or similar device.

Clothing should be washed with normal washing powder after contamination, with degreasing gel added to grease stained areas.

Section 7: Handling and storage

7.1.1 Wear latex, or neoprene gloves when using for extra grip and protection from sharp edges and other non-Green Oil bike products already on bicycle which might harm skin

7.1.2 Advice on general occupational hygiene:

Avoid spillages by ensuring cap is replaced.

7.2.1 Store with lid tightly secured.

7.2.2 Keep away from: Extreme temperatures. Mice and rats.

They may attempt to nibble the tube to eat the contents.

7.3 Specific end uses: See instructions on bottle and section 1.2.

Section 8: Exposure controls/ personal protection

8.1 Control parameters

8.1.1.1-4 National exposure limits for hazardous substances within the mixture:

No national exposure limits apply to the ingredients in this product. All of them are safe and non-hazardous.

8.1.2 Recommended monitoring procedures

Not applicable

8.1.3 Air contaminants

No air contaminants are formed.

8.1.4 Derived No Effect Levels (ENEL/DMEL) Table (DNELs)

No DNEL or PNEC values apply to this non-hazardous product nor its constituent substances.

8.2 Exposure Controls

8.2.1 Appropriate engineering controls

No specific engineering controls are required.

8.2.2 Individual protection measures, such as personal protective equipment.

When servicing a bike, wear latex, or neoprene gloves when using in case other non-Green Oil toxic grease residue can make contact with your skin.

Ecogrease is non-toxic and skin safe, so no gloves need be worn generally.

8.2.2.1 Personal protective equipment for fire control

See section 5.

8.2.2.2. Protection equipment:

(a) Eye protection: Safety glasses or goggles may be worn to inhibit contact with eyes.

(b) Hand protection: When servicing a bike, wear latex, or neoprene gloves when using in case other toxic lubricant residue can make contact with your skin. Ecogrease, so no gloves need be worn generally.

(c) Respiratory protection: Not required

(d) Thermal hazards: No thermal hazards present except in the case of fire.

8.2.3 Environmental exposure controls

Avoid pouring directly into rivers and water ways. Large quantities of any non-water product into water ways can lead to problems even when biodegradable, for example eutrophication.

Biodegradable within 28 days, and has low mobility in soil.

Section 9: Physical and chemical properties

9.1 Information on the basic physical and chemical properties.

- (a) **Appearance:** Thick bright yellow grease
- (b) **Odour:** Minimal but natural oily smell
- (c) **Odour threshold;** No information available
- (d) **pH:** Not available
- (e) **Melting point/ freezing point:** 47°C
(point at which product goes from viscous to liquid)
- (f) **Initial boiling point and boiling range:** No information available
- (g) **Flash point;** >400°C
- (h) **Evaporation rate:** No information available
- (i) **Flammability (solid, gas):** Not flammable.
- (j) **Flammability limits**
Upper: No data available
Lower: No data available
- (k) **Vapour pressure:** No information available
- (l) **Vapour density:** No information available
- (m) **Relative density:** No information available
- (n) **Solubility(ies):** Not water soluble. Soluble in alcohol and d-Limonene.
- (o) **Partition Coefficient: n-octanol /water:** Not available
- (p) **Auto-ignition temperature:** No information available
- (q) **Decomposition temperature:** No information available
- (r) **Viscosity;** 212 cSt (212 mm²/sec at 20 °C)
- (s) **Explosive properties:**
Upper Explosion limit (UEL): No information available
Lower Explosion limited (LEL): No information available
- (t) **Oxidising properties:** None

9.2 Other information

Ecogrease inhibits oxidation of metal from moisture.
This product has been tested to be carbon fibre safe.

Section 10: Stability and Reactivity

10.1 Reactivity

No volatile reactions without extreme heat. Hazardous decomposition through fire products include carbon dioxide, carbon monoxide and possibly other unidentified organic compounds.

10.2 Chemical stability

Under storage at normal ambient temperatures (minus 40°C to + 40°C), the product is stable.

Normal shelf life tested: 3 years in enclosed bottle.

10.3 Possibility of hazardous reactions

None likely.

10.4 Conditions to avoid

Temperatures below -11 °C. Product will thicken at this temperature.

10.5 Incompatible materials

Data not available.

10.6 Hazardous decomposition products

Hazardous decomposition products from combustion only, include carbon dioxide, carbon monoxide and possibly other unidentified organic compounds.

Product is fully biodegradable producing carbon, CO₂, and minerals which can be absorbed by plants.

11: Toxicological information

11.1 Information on toxicological effects

(a) Acute toxicity; None

(b) Irritation; Not irritant

(c) Corrosivity; Not corrosive. Not considered to be corrosive for metals and glass

(d) Sensitisation; Not a skin sensitizer

(e) Repeated dose toxicity; Data not available

(f) Carcinogenicity; Not carcinogenic

(g) Mutagenicity; Not a Mutagen

(h) Toxicity for reproduction; None

Section 12: Ecological information

12.0 General

Ecogrease exceeds ASTM D6866 standard on biolubricants.

Readily biodegradable (within 28 days) in sewage, fresh water and soil in accordance with OECD 301.

Ecogrease Exceeds 25% minimum content of renewable raw material within the standard CEN/TR 16227 (2011) definition of Bio-based. It is 100% made from bio-based raw materials.

All substances used in this mixture are natural and inherently biodegradable. It is 100% made from bio-based raw materials.

This product exceeds the 25% renewable material content threshold set out in standard ASTM D6866.

Product is readily biodegradable within 28 days according to criteria set down by the OECD.

Ecogrease exceeds minimum 50% biodegradation for biodegradable grease set out by British Standards Institute standard CEN/TR 16227.

12.1 Toxicity:

Not toxic

12.2 Persistence and degradability

Readily biodegradable – 28 days in sewage and freshwater.

Readily biodegradable, not biopersistent. Floats on top of water, disperses and biodegrades.

12.3 Bio accumulative potential

No bioaccumulation.

Does not bio-accumulate in food chain.

12.4 Mobility in soil.

Low potential for mobility in soil.

12.5 Results of PBT and vPvB assessment:

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

12.6 Other adverse affects:


No petrochemical ozone creation potential, ozone depletion potential, endocrine disrupting potential or global warming potential applies to this product


SDS Section 13: Disposal considerations

13.1 Waste treatment methods

13.1.1 Product packaging disposal:

Tube is a mixture of Polyethylene grades. These are LDPE (low density polyethylene, MDPE (medium density polyethylene) and HDPE (high density polyethylene). The tube type is therefore '7' and not usually recyclable. The top can be cut open, filled with soil and plants grown inside.

Tube material code: 
OTHER

Cap material LDPE: 
LDPE

13.1.2 Waste treatment-relevant information:

Fluid can be disposed of in sealed bottle to land fill, or in an industrial or home composting facility as the formula is biodegradable.

13.1.3 Sewage disposal-relevant information:

Product can be disposed of with normal sewage.

13.1.4 Other disposal recommendations:

Always follow local government, national and federal regulations where applicable.

Section 14: Transport Information

14.1 UN Number

No UN Number applies as the product is not hazardous

Ecogrease is not covered by the UN Dangerous Goods List,
Ecogrease is not classed by IMDG as a marine pollutant.
Ecogrease is not a IATA pollutant.

14.2 UN Proper shipping name for hazardous content:

Not applicable

14.3 Transport hazard category:

None.

14.4 Packing group:

Not applicable

14.5 Environmental hazards

None

14.6 Special precautions for user

None

14.7 Transport in bulk according to Annex II of MARBOL 73/78 and the IBC Code:

Not applicable.

14.8 Additional information

None

Section 15: Regulatory information

This safety data sheet follows the structure of the United Nations Globally Harmonised System of Classification and Labelling of Chemicals, OSHA and CLP Regulation (EC) No 1272/2008 (which replaces the Dangerous Substances Directive 1999/45/EC) and is compliant with REACH EC No 1907/2006.

This Safety Data Sheet also complies with OSHA in the USA and local national laws aligned with United Nations GHS (Globally Harmonized System of Classification and Labelling of Chemicals).

None of the substances within this mixture are Substances of Very High Concern (SVHCs) within Reach.

This product, nor the contents are covered or restriction by Regulation (EC) No 649/2012, or Regulation (EC) No 1005/2009 on ozone layer depletion.

Section 15.1:

Safety, health and environmental regulations specifically for substance or mixture.

Deutschland:

Wassergefährdungsklassen: nwg, nicht wassergefährdende

France:

Aucun ingrédient avec le produit sont en taleaux de maladies professionnelles (<http://www.inrs-mp.fr/>)

Neederland:

Neit aan der Lijst van kankerverwekkende, mutagene, en voor de voortplanting giftige stoffen SZW.

15.2 Chemical Safety Assessment

No Volatile Organic Compounds (VOCs) are produced by this product.

USA OSHA Hazards :

None

EPCRA - Emergency Planning and Community Right-to-Know Act

None of the substances used in this product are covered by EPCRA.

CERCLA Reportable Quantity.

This material does not contain any components with a CERCLA RQ.

SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

SARA 311/312 Hazards: None

SARA 302 : SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313: SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

Clean Air Act

This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 12 (40 CFR 61).

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F).

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 111 SOCOMI Intermediate or Final VOC's (40 CFR 60.489).

Clean Water Act

This product does not contain any Hazardous Substances listed under the U.S. Clean Water Act, Section 311, Table 116.4A.

This product does not contain any Hazardous Chemicals listed under the U.S. Clean Water Act, Section 311, Table 117.3.

This product does not contain any toxic pollutants listed under the U.S. Clean Water Act Section 307.

US State Regulations

Massachusetts Right To Know Act. No components are subject to the Massachusetts Right to Know Act.

Pennsylvania Right To Know

No components are subject to the Massachusetts Right to Know Act.

California Prop 65:

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

United States TSCA Inventory:

Not applicable

Canadian Domestic Substances List (DSL):

All substances in this product are included in the Canadian Domestic Substance List, the list of all chemicals manufactured in or imported into Canada.

Section 16: Other Information

16.1 This revised Safety Data Sheet was published on 1st April 2016 in format with CLP Regulation (EC) No 1272/2008 in accordance with Globally Harmonized System of Classification and Labelling of Chemicals (GHS). This sheet is formatted to these standards voluntarily, the product is not hazardous. SDS also follows REACH EC No 1907/2006. This updated version was published on 27/05/2022.

Changes include: Update of Section 1.3 Distributors / Suppliers.

(a) Additional information provision

(b) Acronyms.

MSDS = Material Safety Data Sheet.

SDS = Safety Data Sheet.

GHS = Globally Harmonized System of Classification and Labelling of Chemicals.

Disclaimer:

This information is based upon the present state of our knowledge.
This SDS has been compiled and is solely intended for this product.