

VERA 200

CAS 8002-13-9

Safety data sheet

According to 1907/2006 Annex II and 1272/2008 – Issued: 2025-03-14

(All references to EU regulations and directives are abbreviated to number designations only)

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

1.1 Product identifier
Trade name: Ecolubric VERA200
Description: Vegetable lubricant based on rapeseed oil
CAS no: 8002-13-9
EC no: 232-299-0
Article number: 300-014
The safety data sheet covers all package sizes of Ecolubric VERA200
1.2 Relevant identified uses of the substance or mixture and uses advised against
Identified uses: Lubricant
Uses advised against: Food additives
1.3 Details of the supplier of the safety data sheet

Company: Ecolubric AB
Ångghammargatan 4, SE-721 33 Västerås, Sweden
Telephone: +46 21 33 07 41
E-mail: info@ecolubric.com
1.4 Emergency telephone number
In case of emergency: Call 112, request poison information.

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture
Not classified as a hazardous substance or mixture according to Regulation (EC) No 1272/2008.
2.2 Label elements
No labelling requirements apply according to Regulation (EC) No 1272/2008.
2.3 Other hazards
This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher, as assessed based on the criteria outlined in (EU) 2017/2100 or (EU) 2018/605.

SECTION 3: Composition/information on ingredients

3.1 Substances
Ingredient: RAPESEED OIL
CAS: 8002-13-9
EC: 232-299-0
Content: 100%

SECTION 4: First aid measures

4.1 Description of first aid measures
General
If in any doubt or if symptoms persist, seek medical advice.
If inhaled
Fresh air and rest. If symptoms persist, seek medical advice.
In case of eye contact
Rinse eye with lukewarm water for several minutes. If irritation persists, contact a doctor, preferably an eye specialist.
In case of skin contact
Wash with soap and water.
If swallowed
Rinse mouth with water and drink plenty of water.
4.2 Most important symptoms and effects, both acute and delayed
In case of eye contact
Mild irritation may occur.
In case of skin contact
Mild irritation may occur.
If swallowed
May have a laxative effect if swallowed.
4.3 Indication of any immediate medical attention and special treatment needed
Symptomatic treatment.

SECTION 5: Firefighting measures

5.1 Extinguishing media
Suitable extinguishing media
Extinguish with carbon dioxide, powder, foam or sand.
Unsuitable extinguishing media
Direct water jet.
5.2 Special hazards arising from the substance or mixture
May form toxic carbon monoxide gas in a fire, as well as carbon dioxide.
5.3 Advice for firefighters
Protective measures should be taken with regard to other materials at the fire site.
Use self-contained breathing apparatus in case of fire.
Wear full protective clothing.
Cool closed containers exposed to fire with water.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures
Avoid inhalation and contact with skin and eyes.
Keep unauthorised and unprotected persons at a safe distance.
Ensure adequate ventilation.
Use recommended protective equipment, see section 8.
6.2 Environmental precautions
Prevent release to drains, soil or watercourses.
6.3 Methods and material for containment and cleaning up
Absorb the liquid in an inert absorbent material, e.g. vermiculite, collect the material and send it for waste disposal.

Clean the contaminated area with a suitable cleaning agent.
6.4 Reference to other sections
See sections 8 and 13 for personal protective equipment and waste disposal.
SECTION 7: Handling and storage
7.1 Precautions for safe handling
Work in a manner that prevents spillage. If spillage occurs, deal with it immediately in accordance with the instructions in Section 6 of this safety data sheet.
Keep this product away from foodstuffs and out of reach of children and pets.
Do not eat, drink or smoke in areas where this product is handled.
Wash hands after handling the product.
Wash contaminated clothing before re-use.
Use recommended protective equipment, see section 8.
Take appropriate engineering control measures, if necessary, see Section 8.
7.2 Conditions for safe storage, including any incompatibilities
Store in a dry and cool place in original packaging.
Opened containers must be re-sealed and stored in an upright position to prevent risk of leakage.
Keep away from strong oxidising agents.
Avoid direct sunlight – may cause degradation of the product.
Store separately from food and animal feed and from equipment or surfaces in contact with these.
7.3 Specific end use(s)
See identified uses in Section 1.2.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters
8.1.1 National limit values
OIL MIST, incl. oil fumes
Sweden (AFS 2018:1 (AFS 2020:6))
TWA 1 mg/m³ | STEL 3 mg/m³ | Note V
Explanations of abbreviations are given in Section 16b
DNEL: Not relevant
PNEC: Not relevant
8.2 Exposure controls
The hazards posed by the product or its components must be considered in the risk assessment for the specific work task, in accordance with applicable occupational health and safety legislation. The risk assessment shall be reviewed regularly and updated if necessary.
8.2.1 Appropriate engineering controls
Ventilation in the workplace must ensure air quality that meets the requirements of applicable occupational health and safety legislation.
Process ventilation should be used to remove air contaminants at source.
Eye/face protection
Eye protection according to standard EN166 should be used where there is a risk of direct contact.
Skin protection
Use suitable protective clothing as required.
Use protective gloves (EN 374) for repeated or prolonged exposure.
For continuous contact, use gloves with a minimum breakthrough time of at least 240 minutes, preferably exceeding 480 minutes.
The most appropriate glove should be selected in consultation with the glove supplier, taking into account the risk assessment for the specific work task and the properties of the chemicals being handled. Note that the breakthrough time of the material is affected by the duration of exposure, temperature conditions, abrasion and more.
Based on the chemical properties of the product, the following glove materials are recommended (EN 374):

- Nitrile rubber
- Neoprene rubber
- Polyvinyl chloride PVC

Respiratory protection
Use suitable respiratory protection when ventilation is insufficient.
The most appropriate respiratory protection should be determined in consultation with the safety representative, taking into account the risk assessment for the specific work task.
Based on the physical and chemical properties of the product, the following filter type(s) and/or filter combination(s) are recommended:

- A/P2

8.2.3 Environmental exposure controls
For limitation of environmental exposure, see Section 12.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties
a) Physical state: Liquid
b) Colour: Yellowish
c) Odour: No characteristic odour
d) Melting point/freezing point: -18 °C
e) Initial boiling point and boiling range: Not relevant
f) Flammability: Not relevant
g) Lower and upper explosion limit: Not relevant
h) Flash point: 325 °C
i) Auto-ignition temperature: 365 °C
j) Decomposition temperature: Not relevant
k) pH value: Not relevant
l) Kinematic viscosity: 70 cP (20 °C)
m) Solubility: Solubility in water: Insoluble
n) Partition coefficient n-octanol/water (log value): Not relevant
o) Vapour pressure: Not relevant
p) Density and/or relative density: 0.92 g/cm³
q) Relative vapour density: Not relevant
r) Particle characteristics: Not relevant

9.2 Other information

9.2.1 Information on hazard classes for physical hazards

Not relevant

9.2.2 Other safety characteristics

Not relevant

SECTION 10: Stability and reactivity

10.1 Reactivity

The product contains no substances that may give rise to hazardous reactions under normal handling and use conditions.

10.2 Chemical stability

The product is stable under normal storage and use conditions.

10.3 Possibility of hazardous reactions

No hazardous reactions known under normal conditions of use.

10.4 Conditions to avoid

Protect from heat.

10.5 Incompatible materials

Avoid contact with strong oxidising agents.

10.6 Hazardous decomposition products

None under normal conditions.

SECTION 11: Toxicological information

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

Acute toxicity

The product is not classified as acutely toxic.

Skin corrosion/irritation

The product is not classified as corrosive or irritating to the skin.

Serious eye damage/eye irritation

The product is not classified for serious eye damage/eye irritation.

Respiratory/skin sensitisation

The product is not classified as a sensitiser.

Germ cell mutagenicity

The product is not classified as mutagenic.

Carcinogenicity

The product is not classified as carcinogenic.

Reproductive toxicity

The product is not classified as reproductive toxic.

STOT — single exposure

The product is not classified for specific target organ toxicity – single exposure.

STOT — repeated exposure

The product is not classified for specific target organ toxicity – repeated exposure.

Aspiration hazard

The product is not classified as aspiration toxic.

11.2 Information on other hazards

11.2.1 Endocrine disrupting properties

According to the assessment criteria established in Regulations (EC) No 1907/2006, (EU) 2017/2100 and (EU) 2018/605, the product does not contain any substances found to have endocrine disrupting properties.

11.2.2 Other information

According to the assessment criteria established in Regulations (EC) No 1907/2006, (EU) 2017/2100 and (EU) 2018/605, the product does not contain any substances found to have adverse health effects.

SECTION 12: Ecological information

12.1 Toxicity

The product should not be classified as environmentally hazardous. However, it cannot be excluded that large releases, or repeated smaller releases, may have an adverse impact on the environment. Prevent release to soil, water and drains.

RAPESEED OIL

LC50 Oryzias latipes 48h: 8.5 mg/l

LC50 Water flea (Daphnia pulex) 3h: > 40 mg/l

12.2 Persistence and degradability

The product is 90% biodegradable or more according to OECD 301B

12.3 Bioaccumulative potential

No data on bioaccumulation available.

12.4 Mobility in soil

The product is not miscible with water.

12.5 Results of PBT and vPvB assessment

This product does not contain any substances assessed as PBT or vPvB substances.

12.6 Endocrine disrupting properties

The product does not contain any substances found to have endocrine disrupting properties according to the criteria in (EC) No 1907/2006, (EU) 2017/2100 and (EU) 2018/605).

12.7 Other adverse effects

No known effects or hazards.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Waste management for the product

Prevent release to drains.

The product is not classified as hazardous waste.

Empty, rinsed packaging should be sent to recycling where practicable.

See Directive 2008/98/EC on waste. Also observe national and regional regulations on waste management.

Classification according to 2008/98/EC

Recommended waste code: 20 01 25 Edible oil and fat.

SECTION 14: Transport information

Unless otherwise stated, the information applies to all modes of transport according to the UN Model Regulations, i.e. ADR (road), RID (rail), ADN (inland waterways), IMDG (sea transport) and ICAO (IATA) (air transport).

14.1 UN number: Not classified as dangerous goods

14.2 UN proper shipping name: Not applicable

14.3 Transport hazard class(es): Not applicable

14.4 Packing group: Not applicable

14.5 Environmental hazards: Not applicable

14.6 Special precautions for user: Not applicable

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

The product is not subject to any other regulations/legislation than those already stated in this safety data sheet.

15.2 Chemical safety assessment

Assessment and chemical safety report according to 1907/2006 Annex I has not yet been carried out.

SECTION 16: Other information

a. Information about changes in relation to the previous version

Revisions to this document

Version 1.1 replaces the previous version dated 2025-03-14

b. Explanation of abbreviations used in the safety data sheet

Abbreviations in Section 8

Sweden (AFS 2018:1 (AFS 2020:6))

V: Short-term guidance value (Väglödande korttidsgränsvärde)

Abbreviations in Section 14

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road

RID: Regulations concerning the International Carriage of Dangerous Goods by Rail

IMDG: International Maritime Dangerous Goods Code

ICAO: International Civil Aviation Organization (ICAO, 999 University Street, Montreal, Quebec H3C 5H7, Canada)

IATA: International Air Transport Association

c. Key literature references and sources for data

Data sources

Primary data for the hazard calculations have been sourced primarily from the official European classification list, 1272/2008 Annex I, updated to 2023-05-24. Where such data are lacking, the documentation underpinning the official classification has been used as a secondary source, e.g. IUCLID (International Uniform Chemical Information Database). Thirdly, information from reputable international chemical companies has been used, and fourthly other available information, e.g. from other suppliers' safety data sheets or from non-profit organisations, with an expert assessment of the reliability of the source. If, despite this, reliable information has not been found, the hazards have been assessed by experts based on known hazards from similar substances, following the principles of (EC) No 1907/2006 and (EU) No 1272/2008.

Full text of legislation mentioned in this safety data sheet

1907/2006 REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC

1272/2008 REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006

2008/98/EC DIRECTIVE 2008/98/EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 19 November 2008 on waste and repealing certain Directives

d. Methods for evaluation of information referred to in Article 9 of Regulation 1272/2008 used for classification

The calculation of the hazards of this mixture has been carried out as a weighted assessment using an expert evaluation in accordance with 1272/2008 Annex I, where all available information relevant to determining the hazards of the mixture is weighed together, and in accordance with 1907/2006 Annex XI.

e. A list of relevant hazard statements and precautionary statements

There are no relevant hazard statements or precautionary statements.

f. Advice on training for employees to protect human health and the environment

Warning against improper use

Not relevant with reference to 16.e.