



SAFETY DATA SHEET

PROFI-CAR ECO-DRIVE LONGLIFE IV SAE 0W-20

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

1.1 Product identifier

Product name: ECO-DRIVE LONGLIFE IV SAE 0W-20

Productcode: 14320

Synonyme:

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

Use of substance / mixture: Engine Oil

1.3 Details of the supplier of the safety data sheet

Company name / contact: PROFI-TECH GmbH
Otto-Lilienthal-Straße 2
88046 Friedrichshafen
Tel. +49 7541/40 286-0
Fax +49 7541/40 286-99
info@profi-tech.com

1.4 Emergency telephone number

Emergency number: +49 7541/40 286-0 Monday to Friday 8-12am&1-5pm

Section 2: Hazards identification

2.1 Classification of the substance or mixture

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

2.2 Label elements

2.3 Other hazards

Section 3: Composition / information on ingredients

3.2. Mixtures

Chemical characterization: Preparation of base oils and additives.



Section 4: First aid measures

4.1. Description of first aid measures

General information: Remove affected person from the danger area and lay down.

After inhalation: Provide fresh air. In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

After contact with skin: In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist

After contact with eyes: If eye irritation persists: Get medical advice/attention.

After ingestion: In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

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

No information available.

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

No information available.

Section 5: Fire-fighting measures

5.1. Extinguishing media

Suitable extinguishing media: Carbon dioxide (CO₂). Extinguishing powder Water spray jet
In case of major fire and large quantities: Water spray jet Co-ordinate fire-fighting measures to the fire surroundings.

Unsuitable extinguishing media: High power water jet.

5.2. Special hazards arising from the substance or mixture

In case of fire may be liberated: Carbon dioxide (CO₂). Carbon monoxide Sulphur dioxide (SO₂)

5.3. Advice for fire-fighters

In case of fire: Wear self-contained breathing apparatus.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Keep people at a distance and stay on the windward side.

6.2. Environmental precautions

Environmental precautions: Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

6.3. Methods and material for containment and cleaning up

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).

6.4. Reference to other sections

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13



Section 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling: Avoid formation of oil dust.

Advice on protection against fire and explosion: No special fire protection measures are necessary.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels: Note Regulation on facilities for the storage, filling and handling water-polluting substances.

Advice on storage compatibility: Do not store together with: Food flavouring and nutrient

7.3. Specific end use(s)

No information available.

Section 8: Exposure controls / personal protection

8.1. Control parameters

8.2. Exposure controls

Appropriate engineering controls: The usual precautionary measures are to be adhered to when handling chemicals.

Eye/face protection: Wear eye/face protection.

Hand protection: When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances.

Skin protection: Wear suitable protective clothing.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state: Liquid

Colour: brown

Odour: characteristic

Changes in the physical state

Pour point:

-57 °C ISO 3016

Flash point:

234 °C DIN ISO 2592

Explosive properties: Product is not explosive. However, formation of explosive air/vapour mixtures are possible

Density (at 20 °C):

0,8355 g/cm³ DIN 51757

Water solubility:

Immiscible

Viscosity / kinematic:

39,37 mm²/s DIN 51562

(at 40 °C)

Test method



Section 10: Stability and reactivity

10.1. Reactivity

Reactivity: No information available.

10.2. Chemical stability

Chemical stability: No decomposition if used according to specifications.

10.3. Possibility of hazardous reactions

Oxidising agent, strong

10.4. Conditions to avoid

Conditions to avoid: No information available.

10.5. Incompatible materials

Materials to avoid: No information available.

10.6. Hazardous decomposition products

Haz. decomp. products: Carbon monoxide. Carbon dioxide (CO₂)

Section 11: Toxicological information

11.1. Information on toxicological effects

Further information

The product contains less than 3% DMSO extract (method IP346). A classification as a carcinogen with R45 is deleted. (Note L)

Section 12: Ecological information

12.1. Toxicity

Ecotoxicity values: No information available.

12.2. Persistence and degradability

Persistence and degradability: Not readily biodegradable (according to OECD criteria)

12.3. Bioaccumulative potential

Bioaccumulative potential: Based on the n-octanol/water partition coefficient accumulation in organisms is not expected.

12.4. Mobility in soil

Mobility: No information available.

12.5. Results of PBT and vPvB assessment

PBT identification: The product can easily be separated by an oil separator (skimmer) of the water surface.



Section 13: Disposal considerations

13.1. Waste treatment methods

Waste disposal number of waste from residues/unused products

130205 OIL WASTES AND WASTES OF LIQUID FUELS (EXCEPT EDIBLE OILS, AND THOSE IN CHAPTERS 05, 12 AND 19); waste engine, gear and lubricating oils; mineral-based non-chlorinated engine, gear and lubricating oils; hazardous waste

Section 14: Transport information

Land transport (ADR/RID)

- 14.1. UN number: No dangerous good in sense of this transport regulation.
- 14.2. UN proper shipping name: No dangerous good in sense of this transport regulation.
- 14.3. Transport hazard class(es): No dangerous good in sense of this transport regulation.
- 14.4. Packing group: No dangerous good in sense of this transport regulation.

Inland waterways transport (ADN)

- 14.1. UN number: No dangerous good in sense of this transport regulation
- 14.2. UN proper shipping name: No dangerous good in sense of this transport regulation.
- 14.3. Transport hazard class(es): No dangerous good in sense of this transport regulation.
- 14.4. Packing group: No dangerous good in sense of this transport regulation

Marine transport (IMDG)

- 14.1. UN number: No dangerous good in sense of this transport regulation.
- 14.2. UN proper shipping name: No dangerous good in sense of this transport regulation.
- 14.3. Transport hazard class(es): No dangerous good in sense of this transport regulation.
- 14.4. Packing group: No dangerous good in sense of this transport regulation

Air transport (ICAO-TI/IATA-DGR)

- 14.1. UN number: No dangerous good in sense of this transport regulation.
- 14.2. UN proper shipping name: No dangerous good in sense of this transport regulation
- 14.3. Transport hazard class(es): No dangerous good in sense of this transport regulation
- 14.4. Packing group: No dangerous good in sense of this transport regulation.

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: no

14.6. Special precautions for use

No dangerous good in sense of this transport regulation.

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

No dangerous good in sense of this transport regulation.



Section 15: Regulatory information

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

National regulatory information

Water contaminating class (D): 2 - clearly water contaminating

Section 16: Other information

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)