



SAFETY DATA SHEET

PROFI-CAR ECO-DRIVE FE+,SAE 0W20

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

1.1 Product identifier

Product name: ECO-DRIVE FE+ SAE 0W20

Productcode: 14020

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 08:00-12:00am & 13:00-17:00pm

Section 2: Hazards identification

2.1 Classification of the substance or mixture

Regulation (EC) No. 1272/2008

This mixture is not classified as hazardous in accordance with Regulation (EC) No. 1272/2008

2.2 Label elements (DSD/DPD)

Regulation (EC) No. 1272/2008

Special labelling of certain mixtures

EUH208 Contains Benzoic acid, 2-hydroxy-, mono-C14-18-alkyl derivs, calcium salts (2:1), Calciumdi(alkyl(C20-C24, even numbered)branched)-methyl benzenesulfonate (722503-68-6). May produce an allergic reaction.

EUH210 Safety data sheet available on request.

2.3 Other hazards

No information available.



Section 3: Composition / information on ingredients

3.2. Mixtures

Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification according to Regulation (EC) No. 1272/2008 [CLP]			
64742-54-7	Baseoil - unspecified, Distillates (petroleum), hydrotreated heavy paraffinic			50-80 %
	265-157-1	649-467-00-8	01-2119484627-25	
	Asp. Tox. 1; H304			
147880-09-9	Polyolefin-polyaminsuccinimid, Polyol			1-5 %
	604-611-9			
	Aquatic Chronic 4; H413			
134758-95-5	Amines, polyethylenepoly-, reaction products with succinic anhydride polyisobutenyl derivy., borated			1-2,5 %
	603-861-6			
	Aquatic Chronic 4; H413			
36878-20-3	Bis(nonylphenyl)amine			0,1-2,5 %
	253-249-4		01-2119488911-28	
	Aquatic Chronic 4; H413			
	Mineral oil*			0,1-2,5 %
	Asp. Tox. 1; H304			

Full text of H and EUH statements: see section 16.

Further Information

The highly refined mineral oil contains <3% (w/w) DMSO extract, according to IP346.

* Contains one or more of the following CAS-numbers (REACH registration numbers) :

64741-88-4(01-2119488706-23),64741-89-5(01-2119487067-30),64741-95-3(01-2119487081-40),64741-96-4(01-2119483621-38),64741-97-5(01-2119480374-36),64742-01-4(01-2119488707-21),64742-52-5(01-2119467170-45),64742-53-6(01-2119480375-34),64742-54-7 (01-2119484627-25),64742-55-8 (01-2119487077-29),64742-56-9 (01-2119480132-48), 64742-57-0(01-2119489287-22), 64742-62-7(01-2119480472-38),64742-65-0 (01-2119471299-27), 64742-71-8(01-2119485040-48), 72623-85-9 (01-2119555262-43),72623-86-0 (01-2119474878-16), 72623-87-1 (01-2119474889-13), 74869-22-0 (01-2119495601-36)

Section 4: First aid measures

4.1. Description of first aid measures

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

After inhalation: Provide fresh air. If breathing is irregular or stopped, administer artificial respiration. Medical treatment necessary.

After contact with skin: After contact with skin, wash immediately with polyethylene glycol, followed by plenty of water. Take off immediately all contaminated clothing and wash it before reuse. If skin irritation occurs: Get medical advice/attention.

After contact with eyes: Rinse immediately carefully and thoroughly with eye-bath or water.

After ingestion: If eye irritation persists: Rinse mouth immediately and drink plenty of water.

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

Treat symptomatically.

Section 5: Fire-fighting measures

5.1. Extinguishing media

Suitable extinguishing media: Co-ordinate fire-fighting measures to the fire surroundings. Water spray jet Dry extinguishing powder. Foam. Carbon dioxide (CO₂).

Unsuitable extinguishing media: Full water jet.

5.2. Special hazards arising from the substance or mixture

In case of fire may be liberated: Non-flammable.

5.3. Advice for fire-fighters

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

Additional information: Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Use personal protection equipment..

6.2. Environmental precautions

Do not allow to enter into surface water or drains.

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). Treat the recovered material as prescribed in the section on waste disposal.

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:: No special fire protection measures are necessary.

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: Keep container tightly closed.

Advice on storage compatibility: No special measures are necessary



7.3. Specific end use(s)

Section 8: Exposure controls / personal protection

8.1. Control parameters

8.2 DNEL/DMEL values

CAS No	Substance	Exposure route	Effect	Value
64742-54-7	Baseoil - unspecified, Distillates (petroleum), hydrotreated heavy paraffinic			
	Worker DNEL, long-term	inhalation	local	5,4 mg/m ³
	Consumer DNEL, long-term	inhalation	local	1,2 mg/m ³
36878-20-3	Blis(nonylphenyl)amine			
	Worker DNEL, acute	dermal	systemic	5 mg/kg bw/day

PNEC values

CAS No	Substance	Value
64742-54-7	Baseoil - unspecified, Distillates (petroleum), hydrotreated heavy paraffinic	
	Secondary poisoning	9,33 mg/kg
36878-20-3	Blis(nonylphenyl)amine	
	Freshwater	0,1 mg/l
	Freshwater (intermittent releases)	1 mg/l
	Marine water	0,01 mg/l
	Marine water (intermittent releases)	13200 mg/kg
	Freshwater sediment	132000 mg/kg
	Micro-organisms in sewage treatment plants (STP)	1 mg/l
	Soil	263000 mg/kg

8.3. Exposure controls



Protective and hygiene measures

Take off contaminated clothing. Wash hands before breaks and after work. When using do not eat or drink.

Eye/face protection

Wear eye protection/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. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

Skin protection

Wear suitable protective clothing.

Respiratory protection

In case of inadequate ventilation wear respiratory protection



Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: liquid

Colour: brown

Odour: characteristic

pH-Value: not determined

Changes in the physical state

Melting point: not determined

Initial boiling point and boiling range: not determined

Freezing point: -51 °C

Flash point: 222 °C ASTM D 92

Flammability

Solid: not applicable

Gas: not applicable

Lower explosion limits: not determined

Upper explosion limits: not determined

Auto-ignition temperature

Solid: not applicable

Gas: not applicable

Decomposition temperature: not determined

Oxidizing properties

Not oxidising.

Vapour pressure: not determined

Density (at 15 °C): 0,845 g/cm³

Water solubility: The study does not need to be conducted because the substance is known to be insoluble in water.

Solubility in other solvents not determined

Partition coefficient: not determined

Viscosity / kinematic (at 40 °C) : 41,6 mm²/s

Vapour density: not determined

Evaporation rate: not determined



9.2. Other information

Solid content: not determined

Section 10: Stability and reactivity

10.1. Reactivity

No hazardous reaction when handled and stored according to provisions.

10.2. Chemical stability

The product is stable under storage at normal ambient temperatures.

10.3. Possibility of hazardous reactions

No known hazardous reactions.

10.4. Conditions to avoid

None.

10.5. Incompatible materials

No information available.

10.6. Hazardous decomposition products

No known hazardous decomposition products.

Section 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity:

CAS No	Chemical name					
	Exposure route	Dose	Species	Source	Method	
64742-54-7	Baseoil - unspecified, Distillates (petroleum), hydrotreated heavy paraffinic					
	oral	LD50 mg/kg	>5000	Rat	ECHA Dossier	OECD 401
	dermal	LD50 mg/kg	>2000	Rabbit	ECHA Dossier	OECD 402
36878-20-3	Bis(nonylphenyl)amine					
	oral	LD50 mg/kg	>5000	Rat	ECHA Dossier	

Additional information on tests

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



Section 12: Ecological information

12.1. Toxicity

The product is not: Ecotoxic.

CAS No	Chemical name					
	Aquatic toxicity	Dose	[h] [d]	Species	Source	Method
36878-20-3	Bis(nonylphenyl)amine					
	Acute fish toxicity	LC50 mg/l	>100	96 h	Brachydanio rerio (zebra-fish)	ECHA Dossier
	Acute crustacea toxicity	EC50 mg/l	>100	48 h	Daphnia magna (Big water flea)	ECHA Dossier OECD 202

12.2. Persistence and degradability

The product has not been tested.

CAS No	Chemical name			
	Method	Value	d	Source
	Evaluation			
64742-54-7	Baseoil - unspecified, Distillates (petroleum), hydrotreated heavy paraffinic			
	OECD 301F/ ISO 9408/ EEC 92/69/V, C.4-D	31%	28	ECHA Dossier
	Not readily biodegradable (according to OECD criteria)			
	OECD 301B/ ISO 9439/ EEC 92/69/V, C.4-C	2-4%	28	ECHA Dossier
	Not readily biodegradable (according to OECD criteria)			
36878-20-3	Bis(nonylphenyl)amine			
	OECD 301B/ ISO 9439/ EEC 92/69/V, C.4-C	1%	28	
	Not readily biodegradable (according to OECD criteria)			

12.3. Bioaccumulative potential

The product has not been tested.

12.4. Mobility in soil

The product has not been tested.

12.5. Results of PBT and vPvB assessment

The product has not been tested.

12.6. Other adverse effects

No information available.

Further information: Avoid release to the environment.

Section 13: Disposal considerations

13.1. Waste treatment methods

Advice on disposal

Do not allow to enter into surface water or drains. Dispose of waste according to applicable legislation.

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

Contaminated packaging

Wash with plenty of water. Completely emptied packages can be recycled.

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 user

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): 1 - slightly water contaminating

15.2. Chemical Safety Assessment

Chemical safety assessments for substances in this mixture were not carried out.

Section 16: Other information

Abbreviations and acronyms

ADR: Accord européen sur le transport des marchandises dangereuses par Route
(European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service

LC50: Lethal concentration, 50%

LD50: Lethal dose, 50%

Relevant H and EUH statements (number and full text)

H304 May be fatal if swallowed and enters airways

H413 May cause long lasting harmful effects to aquatic life.

EUH208 Contains Benzoic acid, 2-hydroxy-,mono-C14-18-alkyl derivs, calcium salts (2:1), Calciumdi(alkyl(C20-C24, even numbered)branched)-methyl benzenesulfonate (722503-68-6). May produce an allergic reaction.

EUH210 Safety data sheet available on request.

Further Information

The information is based on present level of our knowledge. It does not, however, give assurances of product properties and establishes no contract legal rights. The receiver of our product is singularly responsible for adhering to existing laws and regulations.

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