



SAFETY DATA SHEET

Biodiesel (FAME)

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

Commercial Product Name : Biodiesel (FAME)
Use of the Substance/Mixture : Fuel
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+44 (0)7917 765256 (24h/24h)

2 HAZARDS IDENTIFICATION

Most important hazards : The product is non-dangerous in accordance with Directive 67/548/EEC.
Main symptoms : Not applicable
Environmental properties : not hazardous

3 COMPOSITION/INFORMATION ON INGREDIENTS

Substance name	Value(s)	CAS No	EC No	EC Index	CERTIFICATE
Fatty acids, rape-oil, Me esters	100 %	85586-25-0	287-828-8	-	
Full text of R-phrases	: See section 16.				

4. FIRST AID MEASURES

First aid measures

Inhalation : Keep at rest.
Move to fresh air.
: *Inhalation may provoke the following symptoms:*
: Not applicable

Skin contact : After contact with skin, wash immediately with plenty of soap and water.
: *Skin contact may provoke the following symptoms:*
: Not applicable

Eye contact : Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.
: *Eye contact may provoke the following symptoms:*
: Not applicable

Ingestion : Rinse mouth.
Drink plenty of water.
: *Ingestion may provoke the following symptoms:*
: Not applicable



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4. FIRST AID MEASURES (continued)

Additional advice : Never give anything by mouth to an unconscious person.
Show this safety data sheet to the doctor in attendance.
Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media : Use dry chemical, CO₂, water spray or alcohol-resistant foam
Extinguishing media which shall not be used for safety reasons : High volume water jet
Specific hazards : Possible decomposition products are: CO_x
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.
Specific methods : Wear personal protective equipment.
Wear self contained breathing apparatus for fire fighting if necessary.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions : See also section 8.
Wear personal protective equipment.
Evacuate personnel to safe areas.
Environmental precautions : Do not flush into surface water or sanitary sewer system.
Methods for cleaning up : Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).
Sweep up and shovel into suitable containers for disposal.
After cleaning, flush away traces with water.
Dispose of in accordance with local regulations.

7. HANDLING AND STORAGE

Storage : Do not store near or with any of the incompatible materials listed in section 10.
Store in original container.
Keep tightly closed in a dry, cool and well-ventilated place.
Handling : See also section 8.
Wear personal protective equipment.
Always replace cap after use.
Use only in well-ventilated areas.
Handle in accordance with good industrial hygiene and safety practice.
Specific use(s) : Fuel

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Personal protective equipment
Respiratory protection : not required under normal use
Hand protection : not required under normal use
Eye protection : not required under normal use
Hygiene measures : Handle in accordance with good industrial hygiene and safety practice.
Use only in area provided with appropriate exhaust ventilation.
Exposure limit(s) : No information available.



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9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	: liquid
Colour	: yellow
Odour	: characteristic
pH	: no data available
Boiling point/boiling range	: ca 300°C
Melting point/range	: ca -10°C
Flash point	: 120°C (DIN EN ISO 2379)
Evaporation rate	: no data available
Pour point	: -10°C
Vapour density	: no data available
Autoignition temperature	: no data available
Explosive properties	: not applicable
Oxidizing properties	: not applicable
Vapour pressure	: no data available
Viscosity	: 3,50 - 5,00 mm ² /s (40°C) (DIN EN ISO 3104)
Partition coefficient: n-octanol/water	: no data available
Density	: 0,860 - 0,900 g/cm ³ (15°C)
Water solubility	: slightly soluble

10. STABILITY AND REACTIVITY

Stability	: Stable under normal conditions.
Hazardous decomposition products	: Carbon oxides
Materials to avoid	: None.
Conditions to avoid	: None.

11. TOXICOLOGICAL INFORMATION

Acute toxicity	: • Fatty acids, rape-oil, Me esters : LD50/oral/rat = : > 2000 mg/kg
Inhalation	: No adverse effects are expected.
Skin contact	: No adverse effects are expected.
Eye contact	: No adverse effects are expected.
Ingestion	: No adverse effects are expected.
Chronic toxicity	: No adverse effects are expected.

12. ECOLOGICAL INFORMATION

Bioaccumulation	: No data is available on the product itself.
Ecotoxicity effects	: not hazardous
Mobility	: slightly soluble
Persistence and degradability	: slight

13. DISPOSAL CONSIDERATIONS

Contaminated packaging	: If recycling is not practicable, dispose of in compliance with local regulations.
Codes of waste (2001/573/EC, 75/442/EEC, 91/689/EEC)	: Waste codes should be assigned by the user, preferably in discussion with the waste disposal authorities.



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14. TRANSPORT INFORMATION

ADR/RID	: Not classified as dangerous for conveyance in the meaning of the regulations for the transport of dangerous goods by road and rail.
IMDG	: Not classified as dangerous in the meaning of transport regulations.
ICAO	: Not classified as dangerous in the meaning of transport regulations.

15. REGULATORY INFORMATION

Labelling	: The product is non-dangerous in accordance with Directive 67/548/EEC. EINECS: 287-828-8
Symbol(s)	: -
R-phrases(s)	: -
S-phrases(s)	: -
WGK	: 1

16. OTHER INFORMATION

Sources of key data used to compile the Safety Data Sheet : European Chemicals Bureau : ecb.jrc.it

The contents and format of this SDS are in accordance with EEC Commission Directive 1999/45/EC, 1967/548/EC and EEC Commission Regulation 1907/2006/EC (REACH) Annex II.

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