

Material safety data sheet



Crude fish oil for feeding purposes

- 1) Substance identification: Crude fish oil in general, including:
FF Golden Oil, FF Golden Oil Naturland, FF Golden Oil
Soil Association
- FF SKAGEN A/S
Havnevagtvej 5
Dk-9990 Skagen
Phone: + 45 98 44 11 00 email: ff@ffskagen.com
Fax: + 45 98 45 02 11 website: www.ffskagen.com
- 2) Composition: Fish oil, mainly triglycerides with abt. 0,1 – 0,5% moisture
and abt. 0,1% impurities.
- 3) Hazards identification: According to the specific data available, classification
according categories of danger as specified in Regulation
(EC) No. 1272/2008 and laid down in the legislation of the
country concerned, is not required.
- 4) First aid:
- In case of excessive contact with Skin:***
Wash off with plenty of water, Remove contaminated
clothing.
- In case of excessive inhalation:***
Fresh air.
- In case of excessive eye contact:***
Rinse out with plenty of water with the eyelid held wide
open.
- In case of excessive swallowing:***
Consult doctor if feeling unwell.
- 5) Fire fighting measures:
- Suitable extinguishing equipment:***
Powder, foam, spray water, dry chemical and carbon
dioxide. Do not use water without spray!
- Special risks:***
Development of hazardous combustion gases or vapours
Possible in the unlikely event of fire. The following may
develop in the event of fire; nitrogen oxides
- Special protective equipment for fire fighting:***
Do not stay in dangerous zone without self-contained
breathing tools.

6) Accidental release measures:

Procedures for cleaning / absorption:

Take up dry. Clean up effected area.

7) Handling & Storage:

To be stored in a dry cool and dark place.

Avoid contact with potential sources of ignition.

If stored under inexpedient conditions, extreme heat, self-ignition may happen.

8) Exposure controls /

Personal protection:

Personal protective equipment:

Respiratory protection required when dusts are generated.

Eye protection: Not required

Hand protection: Not required

9) Physical & Chemical properties:

Form: Liquid

Colour: yellow/light brown - reddish

Odour: Fishy

PH value at 100 g/l H₂O

6-7

Melting temperature

abt. 10-15°C

Boling temperature

>250°C

Ignition temperature

Triglycerides abt.
360°C

Fatty acids abt.
220°C

Viscosity

abt. 50 cP at 25°C

Flash point

n/a

Explosion points upper and lower

n/a

Vapour pressure

n/a

Density

900 – 930 kg/m³

Solubility in water

almost insoluble

10) Stability & reactivity:

Conditions to be avoided:

Direct sun (rancidity)

Agitation of the oil (rancidity)

Substances to be avoided:

Oxidising agent, Chlorine

If stored under the recommended conditions, the shelf life is:

12 months if 250 ppm Naturox is added and

24 months if 500 ppm Naturox is added

- 11) Toxiological information: No toxic effects are to be expected when the product is handled appropriately.
- 12) Ecological information: **Degradability:** Easily eliminable.
No ecological problems are to be expected when the products are handled used appropriate care and attention.
- 13) Disposal considerations: **Product:**
There are no uniform EU regulations for the disposal of chemicals or residues. The disposal is regulated in the EU member countries through corresponding rules and regulations. We recommend that you contact either the proper authorities in charge or approved waste disposal companies which will advise you of how to dispose of special waste.
Packaging:
Disposal in compliance with the official regulations. Handle contaminated packaging in the same way as the substance itself. If not officially specified differently, non-contaminated packaging can be treated as household waste.
- 14) Transport information: Marpol pollution category “y”.
- 15) Regulatory: Labelling in accordance with EU directives

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TH/LS/GM