

## Material safety data sheet



### **Crude Fishoil for feeding purposes**

- 1) Substance identification: Crude Fishoil in general, including:  
Standard crude fishoil, Golden oil, Technical oil
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- 2) Compostion: Fishoil, 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, preferably below 20°C.  
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 H <sub>2</sub> O | 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/m <sup>3</sup>  |
| Solubility in water                  | almosr 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 24 months.
- 11) Toxicological 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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Skagen, April 20th, 2017  
TH/LS/GM