



MSDS - FISHOIL

1. Identification of the substance/mixture and of the company/undertaking

Product:	Fish oil
Name:	Karmsund Protein
Address:	Husøyvegen 141
Postcode:	4262
City:	Avaldsnes
Country:	Norway
Website:	www.karmsundprotein.no
E-mail:	post@karmsundprotein.no
Tel.:	+47 99 21 24 38

2. Hazards identification

This product is not considered to be hazardous due to health, safety, and environment.

3. Composition/information on ingredients

Feed	Pelagic fish	
Antioxidant	FFA	Max. 4,5%
	M&I	Max. 0,5%
	Totox	Max. 20
	Dioxin	Max. 4,5 nq per kg WHO PCDD/F-TEQ
	Dioxin+DL-PCBs	Max 20 nq per kg WHO PCDD/D + PCB TEQ / kg
	Non DL-PCBs	Max 175 qg/kg
Antioxydant	(Natural min. 200 ppm, at the customer request)	
Application	Fish Food	

4. First aid measures

Contact with Skin:	Wash off with plenty of water. Remove contaminated clothing.
Excessive inhalation:	Fresh air.
Excessive eye contact:	Rinse out with plenty of water with the eyelid held wide open.
Excessive swallowing:	Consult doctor if feeling unwell.

5. Firefighting measures

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
Protective equipment	Do not stay in dangerous zone without fresh air respiration.

6. Accidental release measure

On land	When discharging large quantities, physical collection is recommended. For smaller emissions, the use of absorbent product is recommended.
On the sea	Use lenses. Physical collection is recommended. For smaller emissions, the use of absorbent product is recommended.

7. Handling and Storage

Store at ambient temperatures, protect from frost.

Keep containers tightly closed and in a well ventilated place. keep away from direct sunlight.

8. Exposure controls/personal protection

Respiratory protection	To be used when dusts are generated.
Eye protection	To be used when dusts are generated.
Hand protection	Not required.

9. Physical and chemical properties

Physical properties	Form: Liquid
	Color: yellow / light brown / red
	Odour: Fishy
Meltingpoint	15°C
Viscosity	20°C – 60mPas 25°C – 50mPas
Density	15°C – 0,92811 – Corr. Fact. 0,00068 26°C - 0,92063 28°C - 0,91927 30°C - 0,91791 32°C - 0,91655

10. Stability and reactivity

Conditions to be avoided	Too avoid rancidity keep the fish oil out of direct sun 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

No ecological problems are known.

13. Disposal considerations

Authorities or companies in charge shall look fore approved waste disposal companies which will advise you of how to dispose fish oil as waste.

UN-number	Not listed - non hazardous
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14. Transport information

To be delivered by tanker from site.

15. Regulatory

Products are manufactured by business approved by the Norwegian food safety authorities according to the provisions of regulations (EC) no. 1069/ 2009 and (EU) no. 142/ 2011

The business is approved for:

Products	FATF, PAP
Activity	PROCP
Category	3
Approval number	1001910

16. Other information

The information contained in this MSDS is based on the present state of knowledge and on current national legislation. It provides guidance on health, safety and environmental aspects of the product and should not be construed as any guarantee to avoid harm or any accident caused by user of the product.

Husøy, August 19th, 2021
BHL/ TH/ ØS