

Dry n-3[®] DHA 11

Microencapsulated fish oil rich in DHA

BASF
The Chemical Company

Chemical name of active ingredient

Fish oil with a high content of docosahexaenoic acid (DHA)

PRD-No.

30471884

Article

54710829 25 kg bag in box

Country of origin

Denmark

Description

Light-yellow to light-beige, free-flowing, dry powder, consisting of spherical particles. The particles contain microencapsulated fish oil rich in DHA.

Composition

Ingredients in descending order of weight: fish oil, sucrose, corn starch, caseinate, sodium ascorbate, tricalcium phosphate, tocopherol-rich extract, mono- and diglycerides, lecithin, ascorbyl palmitate.

Solubility

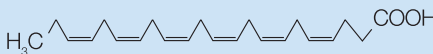
Dispersible in cold water (approx. 15 – 20 °C), to form a milky emulsion with good long-term stability.

Specification

Assay	DHA: min. 10.5 weight-%*
	EPA: max. 4.0 weight-%
	* calculated as triglycerides

For further information see separate document: "Standard Specification" (not for regulatory purposes) available via BASF's WorldAccount: <https://worldaccount.basf.com> (registered access).

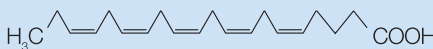
DHA (docosahexaenoic acid)



$C_{21}H_{31}COOH$

Molar mass 328.5 g/mol

EPA (eicosapentaenoic acid)



$C_{19}H_{29}COOH$

Molar mass 302.5 g/mol

Regulations

The product meets the regulatory requirements for an omega-3 fatty acid source, especially DHA, in most countries. However, regulations on the ingredients used in the respective countries and for the intended use have to be observed.

Bulk density

Approx. 0.6 g/ml

Stability

The product is sensitive to air, heat, and light. Stored in its unopened original packaging at room temperature (max. 25 °C) in a dry place, the product is stable for at least 24 months. Once opened, it is recommended to use the remaining contents as quickly as possible.

Storage/Handling

The product should be stored in the tightly sealed original packaging at room temperature (max. 25 °C) in a dry place.

Food products:

The product is suitable for the fortification of basic food products, especially dairy-based powder products.

Dietetic products:

The product is particularly suitable for the fortification of baby foods and maternal nutrition products due to the specific need for DHA supplementation.

Regulatory provisions for the use of tricalcium phosphate in the different product categories have to be considered. In the EU, the application in infant foods is limited to fortification with DHA and calcium. Further on in the application, maximum levels of sodium ascorbate have to be considered.

Note

Dry n-3 DHA 11 must be handled in accordance with the Safety Data Sheet.

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