

## TECHNICAL DATA SHEET

# Oilgin™ DHA Algae Oil Powder

## 10% OMTZ

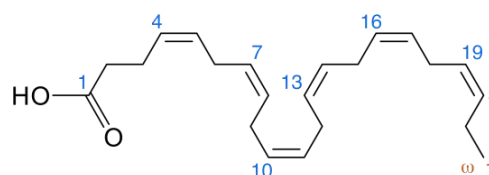
### Chemical Properties

CAS No: 6217-54-5;

INCI name: Docosahexaenoic Acid

Chemical Formula: C<sub>22</sub>H<sub>32</sub>O<sub>2</sub>

Molecular Weight: 328.488



### Description

Powder form product, is produced by DHA algae oil derived from the marine alga, *Schizochytrium* sp., a rich source of Omega-3 docosahexaenoic acid (DHA), with microencapsulation technology and spray-drying technology. It's better for the body to absorb and can be used in foods and drinks.

### Solubility

Completely dissolved in water at 25°C ~45°C.

### Specification

Item	Specification	Test Method
Appearance	Light yellow or White free-flowing powder.	Visual
Taste & Odor	Characteristic, no other peculiar taste and smell.	Organoleptic
Assay	Min 10%	In-house
Particle size	100% through 40 mesh	In-house
Peroxide Index	Max 5.0meq/kg	In-house
Surface Oil	Max 1.0%	In-house
Loss on drying	Max 5.0%	In-house
Lead	Max 2ppm	In-house
Arsenic	Max 2ppm	In-house
Melamine	Negative	In-house
Bacteria counts	Max 1,000cfu/g	In-house
Mold & Yeast	Max 100cfu/g	In-house
Coliforms	Max 0.3MPN/g	In-house
<i>Salmonella Spp</i>	Negative	In-house
<i>Staphylococcus Aureus</i>	Negative	In-house
<i>Shigella</i>	Negative	In-house

### Ingredients

27-29% DHA Algae Oil 40%; 1-3% Tocopherols; 1-3% Sodium Ascorbate; 50-70% Sodium starch octenyl

succinate; 10-20% Maltodextrin. (O is short for Sodium starch octenyl succinate, M is short for Maltodextrin, T is short for Tocopherols, Z is short for Sodium Ascorbate)

## Labeling

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In the United States and the European Union: DHA Algae Oil Powder

## Applications

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1. DHA can help support a healthy pregnancy.
2. DHA is important for brain and eye development for infant and ongoing brain and eye development for children.
3. DHA supports brain, eye & heart health for adult.

## Safety

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This product is safe for the intended use. Avoid ingestion, inhalation of dust or direct contact by applying suitable protective measures and personal hygiene. See Material Safety Data Sheet for full safety information.

## Handling recommendations

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Keep locked up. Keep away from heat. Keep away from sources of ignition. Empty containers pose a fire risk, evaporate the residue under a fume hood. If you feel unwell, seek medical attention and show the label when possible. Avoid contact with skin and eyes. Keep away from incompatibles such as oxidizing agents, reducing agents, alkalis.

## Cleaning recommendations

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Use an appropriate caustic based detergent and hot water for wet cleaning.

## Packaging, Storage & Shelf Life

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Package	1 kg/aluminum foil bag and 20kg/carton or 25kg/drum; or according to customers' requirements.
Storage	The product should be stored in cool and dry condition, Ambient relative humidity below 65%.
Shelf Life	12 months under room temperature (below 25°C). It should be used in one week after opened.