

## **SAFETY DATA SHEET**

Date of issue : JAN 4, 2016  
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Version 01

PRODUCT	DHA-rich Algal Biomass Powder
DESCRIPTION	DHA-rich vegetable biomass derived from microalgae, Schizochytrium sp., containing min. 18% of DHA. Antioxidants such as Tocopherol, Ascorbyl palmitate, and Lecithin are added for higher stability.
MANUFACTURER	DAESANG Corporation

### 1. IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY UNDERTAKING

Product identifier	Product name CAS number EC number Index number Registration number	DHA-rich Algal Biomass Powder 68424-59-9 (Registered as "Glycerides") Not applicable Not applicable Not applicable
Relevant identified uses	Applications	Feed additive
Details of the supplier	Names Address Tel/Fax Contact email	Daesang Corporation 26, Cheonho-daero, Dongdaemun-gu, Seoul, South Korea Tel: +82 2 2657 5371 & Fax: +82 2 2657 5333 <a href="mailto:bio@daesang.com">bio@daesang.com</a>
Emergency telephone no.	Telephone	+1 201 488 4010 for USA & Canada +31 20 640 6080 for Europe +82 2 2657 5371 for the rest countries

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

Component	100% DHA-rich Microalgae
Description	Orange powder, Characteristic odour and taste

### 3. HAZARDS IDENTIFICATION

No hazard has been brought to our attention as a result of normal industrial use of these substances. However these can be potential health effect.

Eye	Dust can cause eye irritation; symptoms include stinging, tearing, redness, burning, and swelling of eyes.
Skin	May cause irritation. Symptoms may include redness, burning & swelling.

Swallowing	Swallowing this material is not likely to be harmful.
Inhalation	Breathing small amounts is not likely to be harmful effects.
Symptoms of exposure	May include mouth and throat irritation. (dry or scratchy feeling, cough)
Cancer information	There is no information available.
Other health effects	Can form dust, which may cause skin or mouse membrane irritation.
Primary route of entry	Inhalation, skin contact, eye contact.

#### 4. FIRST AID MEASURES

Eyes	If symptoms develop move away from exposure right away and into fresh air. Flush eyes gently with water for at least 15 minutes while holding eyelids apart; seek immediate medical attention.
Skin	Remove contaminated clothing. Wash exposed area with soap and water. If symptoms persist, seek medical attention. Launder clothing before reuse.
Swallowing	First aid is not normally required. If symptoms develop, seek medical attention.
Inhalation	If symptoms develop, move away from exposure and into fresh air. If symptoms persist, seek medical attention. If breathing is difficult, administer oxygen.

#### 5. FIRE FIGHTING MEASURES

Flash point	No data available
Explosive limit	No data available
Extinguishing media	Water spray, Carbon dioxide, dry chemical powder or appropriate foam.
Unusual fire and explosions hazard	May burn or smolder and give off flammable vapors if involved in a fire.

#### 6. ACCIDENTAL RELEASE MEASURES

Small spill	Sweep up material for disposal or recovery.
Large spill	Shovel material into containers. Thoroughly sweep area of spill to clean up any residual material.

#### 7. HANDLING AND STORAGE

Do not store near extreme heat, open flame, or sources of ignition.  
Store in a cool, dry, and dark place.

#### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Safety shower and eye bath  
Mechanical exhaust required  
Avoid inhalation  
Avoid contact with eyes, skin and clothing  
Avoid prolonged or repeated exposure  
Respiratory protection required  
Compatible chemical-resistant gloves  
Chemical safety goggles  
Keep tightly closed and store in a cool dry place  
Wash thoroughly after handling

#### 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Orange fine powder with characteristic odour
Boiling point	No data available
Flash point	No data available
Melting point	No data available
Solubility	Insoluble

#### 10. STABILITY AND REACTIVITY

Stability	Incase of exposure to high heat and light the color of this material will turn yellow
Material to avoid	No data available
Hazardous decomposition	Carbon monoxide, Carbon dioxide
Hazardous polymerization	Will not occur

#### 11. TOXICOLOGICAL INFORMATION

No data available

#### 12. ECOLOGICAL INFORMATION

No data available

#### 13. DISPOSAL CONSIDERATIONS

Dispose of with other normal, solid waste.  
Observe all federal, state and local environmental regulations.

#### 14. TRANSPORT INFORMATION

No special requirements for transport according to international regulations.  
For more information, contact Daesang Corporation

#### 15. REGULATORY INFORMATION

Contact Daesang Corporation for more information.

#### 16. OTHER INFORMATION

The information contained herein is based upon our current knowledge. It does not represent a guarantee of the properties of the product. In no event will Daesang Corp. be responsible for damages of any nature whatsoever resulting from the use of or reliance on information.