

Safety Data Sheet

Section 1: Identification

Product Name:	Fish Oil, stabilized	Manufacturer:	BioOregon Protein
Common Name(s):	fish oil, whitefish oil	Physical Address:	1935 NW Warrenton Drive Warrenton OR, 97146
Product Code:	N/A		
CAS #:	8016-13-5	Mailing Address:	PO Box 429 Warrenton OR, 97146
Recommended Use:	For use as an animal feed ingredient or agricultural spray	Telephone Number:	503-861-2256
		Emergency #:	503-861-2256
Restrictions:	N/A		

Section 2: Hazard Identification

Hazard Group: Health
Hazard Classes: Potential skin irritant and skin sensitizer (Category 1B)



Hazard Statements

- H305: May be harmful if swallowed and enters airways
- H316: Causes mild skin irritation
- H317: May cause an allergic skin reaction
- H335: May cause respiratory irritation

Precautionary Statements

Prevention

- P264: Wash skin thoroughly after handling
- P261: Avoid breathing dust
- P280: Use a particle mask and nitrile gloves under normal conditions

Response

- P302: If on skin: wash with plenty of soap and water
- P304: If inhaled: remove person to fresh air and keep comfortable for breathing
- P305: If in eyes: rinse cautiously with water for several minutes
- P333: If skin irritation or rash occurs, wash area thoroughly and receive medical attention

Storage

- P402: Store in a dry place. Avoid excessive humidity or moisture.

Disposal

- P501: Dispose of contents in a compost pile, garden, or landfill in accordance with local, state, and federal regulations.

Section 3: Composition/Information on Ingredients

Primary Ingredient: Fish oil, mixed species
CAS #: 8016-13-5
NIOSH Registry #: Not Registered
Stabilizing Additives: Ethoxyquin[™] Liquid Antioxidant from Kemin[®] Nutrisurance
Additives Concentration: 0.05% - 0.50% (batch-to-batch variation)
Additives CAS#: 91-53-2

Section 4: First-Aid Measures

Inhalation: Remove person to fresh air and keep comfortable for breathing. If respiratory distress continues, seek medical attention.
Skin Irritation: Wash with plenty of soap and water. If irritation persists, seek medical attention.
Eye: Rinse cautiously with water for several minutes. If irritation persists, seek medical attention.
Ingestion: If gastrointestinal distress occurs, seek medical attention.
Allergen: This product may cause an allergic reaction. If an allergic reaction occurs, seek medical attention immediately.

Section 5: Fire-Fighting Measures

Suitable Extinguishing Media: Water, regular foam, carbon dioxide, dry chemical
Unsuitable Extinguishing Media: None
Flash Point: >300 °F
Specific Fire-Related Hazards: None
Special Fire-Fighting Procedures: None
Unusual Fire/Explosion Hazards: None

Section 6: Accidental Release Measures

Personal Precautions: Wear a particle mask and nitrile gloves during handling
Environmental Precautions: None
Methods for Handling Spills: In case of spill: handle using nitrile gloves and wear a particle mask. Employ best-practice sanitation methods for clean-up. Dike around the spill and mop with oil-absorbent material or wet-vacuum, then dispose in a garbage receptacle. There are no special emergency procedures for clean-up.

Section 7: Handling and Storage

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Safe Handling: Wear gloves and a particle mask when handling and transporting. Avoid excessive humidity, contact with moisture, pure oxygen, and extreme temperatures to retain product functionality.

Section 8: Exposure Control/Personal Protection

Exposure Limit: There are no exposure limits defined for this product.

Recommended PPE and Handling Practices

Respiratory: Particle mask.
Skin Protection: Nitrile gloves
Eye Protection: Safety glasses
Hygiene: Wash hands thoroughly with soap and water
Ventilation: Ensure workspace is well-ventilated



Safety Glasses



Gloves



Particle Mask / Respirator

Section 9: Physical and Chemical Properties

Appearance:	Yellow to brown liquid	Solubility in Water:	Negligible
Flammability Limits:	Unknown	Initial Boiling Point:	Unknown
Odor:	Fish odor	Boiling Point:	> 250 °F
Odor Threshold:	Unknown	Boiling Range:	Unknown
Vapor Pressure:	Unknown	Flash Point:	>300 °F
Vapor Density:	Unknown	Evaporation Rate:	Unknown
pH:	6.0 – 6.25	Flammability:	Unknown
Relative Density:	7.25 – 7.75 lb / gal	Specific Gravity in Water:	0.930
Melting Point:	10 – 15 °F	Viscosity:	Unknown
Freezing Point:	Unknown		

Section 10: Stability and Reactivity

Reactivity: No specific test data is currently available
Chemical Stability: Product is stable under normal temperatures and conditions
Conditions to Avoid: Extreme temperatures and pure oxygen
Required Stabilizers: None
Incompatibility: Avoid direct exposure to pure oxygen
Hazardous Decomposition: None currently known
Hazardous Polymerization: Will not occur
Hazardous Reactions: None currently known

Section 11: Toxicological Information

Primary Routes of Exposure: Inhalation, skin contact, and eye contact

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Symptoms of Exposure: May act as a slight irritant to the skin or respiratory system. Slight dermatitis may occur. Mild respiratory irritation and cough may occur. Possible allergic reactions in sensitive individuals. Rash and swelling may occur in skin. Mild respiratory distress and frequent coughing may occur. No studies currently known describing effects of delayed, immediate, or chronic effects from short- and long-term exposure.

LD50: Currently unknown

Carcinogenicity: Currently unknown

Medical Conditions Aggravated by Exposure: Allergic reaction may occur

Section 12: Ecological Information

Ecological Effects: There are no known ecological effects

Toxicity Testing: Currently unknown

Bioaccumulation Potential: Currently unknown

Section 13: Disposal Considerations

Disposal Containers: There are no known restrictions on disposal containers

Disposal Methods: Recommended disposal is use as fertilizer in a compost pile, garden, or other plant-based ecosystem. Alternatively, product may be disposed of in a landfill in accordance with local, state, and federal regulations.

Disposal Restrictions: Do not dispose through sewage systems or burn as a method of disposal.

Section 14: Transport Information

UN Number: None known

UN Proper Shipping Name: None known

Transport Hazard Class: Unknown

Environmental Hazards: None known

Guidance on Bulk Transport: Use best known practices when shipping in bulk

Special Precautions: None known

Section 15: Regulatory Information

There are currently no known regulations of the product.

Section 16: Other Information

The information provided in this Safety Data Sheet is correct to the best of our knowledge at the date of its publication. The information given is designed only as guidance for safe handling, use, processing,

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storage, transportation, disposal, and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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