

# California Organic Fertilizers, Inc.™

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## MATERIAL SAFETY DATA SHEET

### Phytamin® Fish Plus

#### SECTION I. IDENTIFICATION

Chemical Family: Organic Liquid Solution  
Product Name and Synonyms: Phytamin® Fish Plus  
Formula: Proprietary  
Trade Name and Synonyms: Phytamin®  
Description: Yellow/Brown Liquid with organic odor

#### SECTION II. PRODUCT AND COMPONENT HAZARD DATA

A.	Components:	OSHA PEL/UNITS:	ACGIH/UNITS:
	Fish Protein	N/A	N/A
	Seabird Guano	N/A	N/A

#### SECTION III. PHYSICAL DATA

- <u>Appearance and Odor:</u> Brown liquid organic odor	- <u>Boiling Point:</u> N/A
- <u>Specific Gravity:</u> Unknown	- <u>Vapor Pressure:</u> N/A
- <u>Percent Volatile by Volume:</u> None	- <u>Melting Point:</u> N/A
- <u>Evaporation Rate (Ethyl Ether = 1):</u> N/A	- <u>Solubility in Water:</u> 100%
- <u>pH:</u> 4.5 – 5.5	- <u>Molecular Weight:</u> Unknown

#### SECTION IV. FIRE AND EXPLOSION HAZARD DATA

- <u>Flash Point:</u> Unknown	- <u>Extinguishing Agent:</u> Use suitable agent for surrounding fire
- <u>Flammable Limits:</u> N/A	- <u>Special Fire-Fighting Procedures:</u> Approved self-contained breathing apparatus for fire fighters.
- <u>Unusual Fire and Explosion Hazards:</u> None,	

#### SECTION V. REACTIVITY DATA

- <u>Stability:</u> Stable	- <u>Incompatibility:</u> None known
- <u>Hazardous Polymerization:</u> Will not occur	- <u>Hazardous Decomposition Products:</u> None known
- <u>Conditions to Avoid:</u> None	

#### SECTION VI. HEALTH HAZARD INFORMATION

- <u>Effects of Routine Use:</u> None known	- <u>Effects of Overexposure:</u> None known
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EMERGENCY AND FIRST AID PROCEDURES

- <u>Eye Contact:</u> Wash with water for 15 min.	- <u>Skin Contact:</u> Wash with soap and water
- <u>Inhalation:</u> Consult a physician	- <u>Ingestion:</u> Consult a physician

#### SECTION VII. TOXICITY DATA

- Carcinogenicity: Not listed as a carcinogen by IARC, NTP, OSHA, or ACGIH.  
- Other Pertinent Data: None

#### SECTION VIII. SPECIAL PROTECTION INFORMATION

##### PERSONAL PROTECTIVE EQUIPMENT

Protective Gloves: N/A      Eye Protection: Chemical Goggles      Respiratory Protection: N/A  
Other Protective Equipment: N/A

##### VENTILATION

Local Exhaust: Not normally required      Mechanical: Not normally required      Special: N/A      Other: N/A

#### SECTION IX. SPILL, LEAK, AND DISPOSAL PROCEDURES

##### STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Waste Disposal Methods: Sweep up spilled material and place in suitable container for recycle or disposal. Comply with local disposal laws.

Clean Water Act Requirements: None      Resource Conservation and Recovery Act: None

**SECTION X. REGULATORY INFORMATION**

FDA: N/A	USDA: N/A
DOT: Non-Regulated	CPSC: N/A
Proper Shipping Name: Organic Liquid	TSCA: N/A
Label Requirements: None	Hazard Class: None
Other Information: None	Identification Number: None
EPA: Superfund Amendments and Reauthorization Act (SARA) Title II: Section 313, Supplier Notification	

**SECTION XI. SPECIAL PRECAUTIONS AND COMMENTS**

- Precautions to be Taken in Handling and Storage: Keep in dry place
- Other Precautions: None

**SECTION XII. REFERENCES**

1. The Merck Index: An Encyclopedia of Chemicals and Drugs, 1983 10th ed., Merck and Company, Rahway, N.J.
2. Dangerous Properties of Industrial Materials, 5th ed., 1979, Sax, N.I., Van Nostrand Reinhold & Co., N.Y., N.Y.
3. 29 C F R 1910 General Industry OSHA Safety and Health Standards., U.S. Department of Labor, Occupational Safety and Health Administration. Rev. 1983, 1985.
4. Threshold Limit Values for Chemical Substances and Physical Agents in the Workroom Environment with Intended Changes. American Conference of Governmental Industrial Hygienists, Cincinnati, OH. 1985.
5. Handbook of Chemistry and Physics, Chemical Rubber Co., Cleveland, OH.
6. Water Quality Criteria, J.E. McKee and H.W. Wolf, Editors., Pub. No. 3-A (Revised). State of California, 1963.
7. Registry of Toxic Effects of Chemical substances: 1983 Supplement to the 1981-1982 Edition. National Institute of Occupational Safety and Health, 1984.

**IMPORTANT**

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