



Safety Data Sheet

Manufacturers Information

Company Name: The Espoma Company
6 Espoma Road
Millville, N.J. 08332

Emergency Phone No: (856) 825-0542
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Website: www.espoma.com

Section 1: PRODUCTION IDENTIFICATION

Product Name: Espoma Organic Fish! Liquid Fish Fertilizer

Product Use: Organic Fertilizer

Section 2: HAZARD IDENTIFICATION

Hazard Class: Eye Irritant (Category 2A): Contact can cause mild irritation of eyes.

Hazard Class: Skin Irritant (Category 2): Contact can cause mild irritation of skin.

Applicable Pictogram:

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS:

Chemical Name	CAS Number	Inclusion Rate
Phosphoric Acid	7664-38-2	3.4% w/w
Hydrolyzed Fish	N/A	96.6% w/w

Section 4: FIRST AID MEASURESE

<u>Eye Contact</u>	Immediately rinse with running water for 15 minutes. Call physician.
<u>Skin Contact</u>	Immediately rinse with running water, then wash with soap and water.
<u>Inhalation</u>	Move to fresh air
<u>Ingestion</u>	Drink water and call physician. Do not induce vomiting.

Section 5: Fire Fighting Measures

General Fire Hazards: No usual fire or explosion hazard.
Flash Point: N/A
Smoke Point: N/A



Fire Point: N/A
Flammable Limits: N/A
Suitable Extinguishing Media: CO₂, Water, Foam, Dry Chemical Powder

Section 6: ACCIDENTAL RELEASE MEASURES

Small Spills: Mop up small spills, then wash with soap and water. Never return spills to original container for reuse.

Large Spills: Stop the flow of material. Soak up all liquid with dry sand, earth and Speedi-Dri. Dispose of recovered material. Flush area with water. Clean with soap and water.

Auto Decomposition: If pH exceeds 4.0, there is the possibility of foaming and/or expansion of the material. Tanks should be kept clean, sealed (to prevent water intrusion), and vented. Vents should be fitted with appropriate filter to prevent mold spores from contaminating the material.

Section 7: Handling & Storage:

Handling: Avoid contact with skin and eyes. Provide adequate ventilation. Wear appropriate personal protective equipment. Observe good industrial hygiene practices. Wash contaminated clothes before reusing.

Containing Storage: Read directions on product label. Close containers after using. Do not store in diluted form. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully sealed and kept upright to prevent leakage.

Bulk Storage: Tanks should be kept clean, sealed (to prevent water intrusion), and vented. Vent should be fitted with appropriate filter to prevent mold spores from contaminating the material. Tank contents should be circulated periodically.

Section 8: EXPOSURE CONTROLS/ PERSONAL PROTECTION

Eyes: Use safety eyewear to protect against splash of liquids.

Body: For prolonged or repeated use, use rubber gloves.

Respiration: Use properly fitted, air purifying or air-fed respirator complying with approved standard if a risk assessment indicates this is necessary, or if entering any tank or closed system.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES.

Physical State: Liquid
Color: Brown
Odor: Mild fish scent



<u>Ph:</u>	3.5
<u>Boiling Pont:</u>	105°C
<u>Solubility in Water:</u>	Complete
<u>Specific Gravity:</u>	1.03
<u>Vapor Pressure:</u>	N/A
<u>Auto-Ignition Temperature</u>	N/A
<u>Decomposition Temperature:</u>	N/A
<u>Viscosity:</u>	N/A

Section 10: STABILITY AND REACTIVITY

<u>Stability:</u>	Stable
<u>Conditions to avoid:</u>	Do not store in diluted form. Do not allow pH to exceed 4.0
<u>Incompatibility:</u>	Alkali, Aluminum, Mild Steel
<u>Hazardous Polymerization:</u>	Will not occur
<u>Hazardous Decomposition Products:</u>	Ammonia, Hydrogen Gas, Methane

Section 11: TOXICOLOGICAL INFORMATION:

<u>Routes of Exposure:</u>	Skin, Ingestion
<u>Health Hazards (Acute and Chronic):</u>	May act as a slight irritant to skin or eyes. Prolonged skin contact could result in dermatitis in sensitive individuals.

Section 12: ECOLOGICAL INFORMATION:

Easily Biodegradable

Section 13: DISPOSAL CONSIDERATIONS:

Waste Information: Waste must be disposed of in accordance with federal, state and local regulation.

Contaminated Packaging: Empty containers should be taken to and approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

Section 14: TRANSPORT INFORMATION:

<u>DOT:</u>	Not regulated as dangerous goods. Proper shipping name: Fish Hydrolysate Class 50, not restricted.
<u>ID#:</u>	None
<u>Environmental Hazards:</u>	No



NFPA Rating:

Health 0

Fire 1

Reactivity 0

Special Hazard COR

Section 15: REGULATORY INFORMATION:

US Federal Regulation: N/A

Section 16: OTHER INFORMATION

To the best of our knowledge, the information contained within is accurate. User assumes all liability for unsafe use of product. Final determination of suitability of any material is sole responsibility of user.

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