

SAFETY DATA SHEET

MANUFACTURER INFORMATION

Company Name: Advanced Marine Technologies
33 Cape Street
New Bedford, MA. 02740

Emergency Phone No: (508) 991-5225
Information Phone No: (508) 991-5225
Website: www.organicgem.com

Section 1. PRODUCT IDENTIFICATION

Product Name: **Organic Gem™ Liquid Fish Fertilizer, 3-3-0**
Product Use: Organic Fertilizer, WSDA OIM Listed

Section 3. HAZARD IDENTIFICATION



Signal word:
WARNING

Hazard Statement(s):

- Causes mild skin irritation (H316)
- Causes eye irritation (H320)

Precautionary Statement(s):

- Read label before use (P103)
- Wash hands thoroughly after handling (P264)

Section 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name:	CAS Number	Inclusion Rate
Phosphoric Acid	7664-38-2	3.9 % w/w
Lactic Acid	79-33-4	1.0 % w/w
Hydrolyzed Fish	N/A	95.1 % w/w

Section 4. FIRST AID MEASURES

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

Section 5. FIRE FIGHTING MEASURES

General Fire Hazards: No unusual 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 or Speedi-Dry. Dispose of recovered material. Flush area with water. Clean area 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 AND 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.

Container 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 resealed and kept upright to prevent leakage.

Bulk Storage: 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. 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.

Respiratory: 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

<u>Physical State</u> :	Liquid
<u>Color</u> :	Brown
<u>Odor</u> :	Mild fish scent
<u>Ph</u> :	3.0
<u>Boiling Point</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 the skin or eyes. Prolonged skin contact could result in dermatitis in sensitive individuals.

Section 12. TOXICOLOGICAL 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 an 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>UN #:</u> None	<u>DOT:</u> Class 50, not restricted
ADR	ADR
Not Dangerous goods	Not Dangerous goods
IMDG	IMDG
Not dangerous goods	Not Dangerous goods
IATA	IATA
Not dangerous goods	Not Dangerous goods

<u>Proper Shipping Name:</u> Fish Hydrolysate	<u>Environmental Hazards:</u> No
ADR	ADR
Not Dangerous goods	Not Dangerous goods
IMDG	IMDG
Not dangerous goods	Not Dangerous goods
IATA	IATA
Not dangerous goods	Not Dangerous goods

NFPA Rating:
Health 0 Fire 1 Reactivity 0 Special Hazard COR*
*Non-corrosive to humans, mildly corrosive to steel.

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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