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PRODUCT OF USA

ORGANIC GEM™

LIQUID FISH FERTILIZER

ORGANIC BASED HYDROLYSATE

2.6 - 3 - 0.3

GUARANTEED ANALYSIS:

Total Nitrogen (N)	2.6%
0.2% Ammoniacal Nitrogen	
0.2% Urea Nitrogen	
0.4% Water Insoluble Nitrogen	
1.8% Other Water Soluble Nitrogen	
Available Phosphate (P ₂ O ₅)	3.0%
Soluble Potash (K ₂ O)	0.3%

Derived from: Fish Hydrolysate
(stabilized by phosphoric acid and citric acid)

Fish fertilizers have been used for hundreds of years. Native Americans first demonstrated how to use fish to grow healthier and more bountiful crops.

Organic Gem[®] promotes nutrient healthy crops and vigorous growth of plants and vegetables

MIX WELL BEFORE USING

MUST BE DILUTED WITH WATER
Do not store in diluted form.
Thoroughly clean all equipment after use.

For Plants: Mix 1-2 oz. of Organic Gem[®] per gallon of water. Apply generously to soil or foliage until leaves are wet top and bottom. Feed every 2 weeks.

For Lawns: Mix 4 oz. of Organic Gem[®] per gallon of water. Feed every 4 weeks. One gallon of undiluted Organic Gem[®] will cover 1/4 acre.



CAUTION

*** INTENDED FOR USE BY COMMERCIAL GROWERS ONLY ***

HARMFUL IF SWALLOWED. AVOID CONTACT WITH EYES, OPEN CUTS OR SORES. KEEP OUT OF REACH OF CHILDREN. WASH HANDS AND ALL TOOLS AFTER USE. NOTICE: BUYER ASSUMES ALL RESPONSIBILITY FOR SAFETY AND USE IN ACCORDANCE WITH DIRECTIONS. Information regarding the contents and levels of metals in this product is available on the internet at <https://www.aapfco.org/metals.html>.

THIS PRODUCT HAS BEEN SPECIFICALLY FORMULATED TO MEET OR EXCEED THE STANDARDS OF THE FOOD SAFETY MODERNIZATION ACT OF 2016.

Guaranteed and Manufactured by Advanced Marine Technologies, 33 Cape Street, New Bedford, MA 02740 (508) 991-5225 www.organicgem.com

DENSITY 8.6 LBS/GALLON @ 68° F



5 U.S. Gallons/18.9 Liters
(Net Wt. 43 lbs/19.5 kg)



55 U.S. Gallons/208 Liters
(Net Wt. 473 lbs/215 kg)



275 U.S. Gallons/1040 Liters
(Net Wt. 2,365 lbs/1073 kg)

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ORGANIC GEM™

ENGRAIS LIQUIDE DE POISSON

HYDROLYSAT À BASE ORGANIQUE

2.6 - 3 - 0.3

ANALYSE GARANTIE :

Azote total (N)	2.6%
0.2% Azote ammoniacal	
0.2% d'azote uréique	
0.4% Azote insoluble dans l'eau	
1.8% Autre azote soluble dans l'eau	
Phosphate disponible	3.0%
Potasse Soluble	0.3%

Dérivé de: Hydrolysat de Poisson
(stabilisé par acide phosphorique, acide citrique)

Les engrais à base de poisson sont utilisés depuis des centaines d'années. Les Amérindiens ont été les premiers à montrer comment utiliser les poissons pour obtenir des récoltes plus saines et plus abondantes. Organic Gem® favorise des cultures saines en termes de nutriments et une croissance vigoureuse des plantes et des légumes.

BIEN MÉLANGER AVANT DE L'UTILISER

DOIT ÊTRE DILUÉ AVEC DE L'EAU

Ne pas conserver sous forme diluée.

Nettoyer soigneusement tous les équipements après utilisation.

Pour les plantes: Mélanger 1-2 oz. de Organic Gem® par gallon d'eau. Appliquer généreusement sur le sol ou le feuillage jusqu'à ce que les feuilles soient mouillées de haut en bas. Nourrir toutes les 2 semaines.

Pour les pelouses: Mélanger 4 oz de Organic Gem® par gallon d'eau. Nourrir toutes les 4 semaines. Un gallon d'Organic Gem® non dilué couvre 1/4 d'acre.



MISE EN GARDE

DESTINÉ À ÊTRE UTILISÉ PAR DES PRODUCTEURS COMMERCIAUX UNIQUEMENT*

NOCIF EN CAS D'INGESTION. ÉVITER LE CONTACT AVEC LES YEUX, LES COUPURES OUVERTES OU LES PLAIES. TENIR HORS DE PORTÉE DES ENFANTS. SE LAVER LES MAINS ET TOUS LES OUTILS APRÈS UTILISATION. AVIS : L'ACHETEUR ASSUME L'ENTIÈRE RESPONSABILITÉ DE LA SÉCURITÉ ET DE L'UTILISATION CONFORMÉMENT AU MODE D'EMPLOI. Des informations concernant le contenu et les niveaux de métaux dans ce produit sont disponibles sur Internet à l'adresse suivante : <https://aapfco.org/metals.htm>.

CE PRODUIT A ÉTÉ SPÉCIFIQUEMENT FORMULÉ POUR SATISFAIRE OU DÉPASSER LES NORMES DE LA LOI DE MODERNISATION DE LA SÉCURITÉ ALIMENTAIRE DE 2016.

Garanti et fabriqué par Advanced Marine Technologies, 33 Cape Street, New Bedford, MA 02740 (508) 991-5225 www.organicgem.com

DENSITÉ 8.6 LBS/GALLON @ 68°F

5 gallons américains/18,9 litres
(poids net 43 lbs/19,5kg)

55 gallons américains/208 litres
(poids net 473 lbs/215 kg)

275 gallons américains/1040 litres
(poids net 2 365 lbs/1073 kg)



Back To Your Roots Soil Solutions Inc.

Box 489

945 9th Street North

Martensville, SK S0K 2T0

April 15, 2026

AFFIDAVIT

To Whom it may concern,

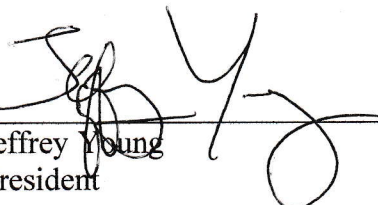
In 2018, AMT Bioproducts Corp started using a small amount of heat stabilized, non-GMO lactic acid to increase the Food Safety Level of Organic Gem™ Liquid Fish Fertilizer. This specific type of lactic acid, used for this purpose, was allowed under the NOP for use in Organic Input Materials.

In 2022, we were no longer able to source that specific lactic acid, which was being made in China. It forced us to go without using lactic acid for a time, until in 2025 we discovered the OMRI Listed Organic Citric Acid produced by Sunshine Biotech International Co, Ltd. We alerted the CDFA to the change and started using this Citric Acid for increased food safety purposes.

We started selling Back To Your Roots in 2024.

The product being sent to Back To Your Roots this year does have OMRI Listed Citric Acid in it, and that is noted on the label.

I can attest with absolute certainty that no product whatsoever containing lactic acid was ever sent to Back To Your Roots.

Signed: 
Jeffrey Young
President

Date: 4/15/2026

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, 2.6-3-0.3**
Product Use: Organic Fertilizer, CDFA 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
Organic Citric Acid	77-92-9	0.5 % w/w
Hydrolyzed Fish	N/A	95.6 % 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> :	3.1
<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

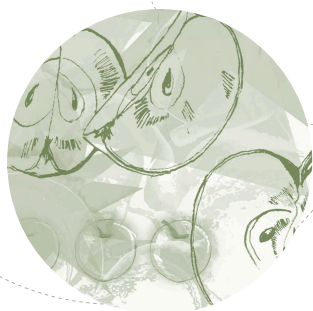
US Federal Regulation: N/A

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.

SDS Issue Date: 11/6/2026

 [English](#) | [Español](#)



OMRI Listed®

The following product is OMRI Listed. It may be used in certified organic production or food processing and handling according to the USDA National Organic Program regulations.

Product

Citric Acid Anhydrous Fine Granular

Company

Sunshine Biotech International Co., LTD
Yuchuan Zhu
188 MOO4 Tambol Thatoom
Srimahaphote Prachinburi 25140 Thailand

Status

Allowed

Categories

NOP: Citric Acid

Date Listed

31-Jan-2017

Product code

sui-7799

Use Class

Processing Ingredients and
Aids

Expiration

1-Mar-2026

Restrictions

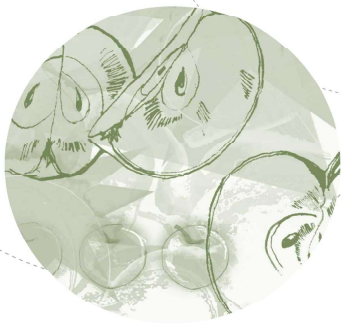
Not applicable.

Executive Director/CEO

Product review is conducted according to the policies in the current *OMRI Policy Manual*® and based on the standards in the current *OMRI Standards Manual*®. This certificate may be out of date. Verify the current certificate online at OMRI.org, or contact OMRI for verification. OMRI listing is not equivalent to organic certification and is not a product endorsement, and cannot be construed as such. Final decisions on the acceptability of a product for use in a certified organic system are the responsibility of a USDA accredited certification agent. It is the operator's responsibility to properly use the product, including following any restrictions.



Organic Materials Review Institute
P.O. Box 11558, Eugene, OR 97440-3758, USA
541.343.7600 · info@omri.org · OMRI.org



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Yuchuan Zhu
188 MOO4 Tambol Thatoom
Srimahaphote Prachinburi 25140 Thailand

Status

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Categories

NOP: Citric Acid

Date Listed

31-Jan-2017

Product code

sui-7799

Use Class

Processing Ingredients and
Aids

Expiration

1-Mar-2027

Restrictions

Not applicable.

Executive Director/CEO

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P.O. Box 11558, Eugene, OR 97440-3758, USA
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CUSTOMER NUMBER

101842



126 MEMORIAL DRIVE P.O. BOX 2248
 SPRINGFIELD, MASS 01102-2248

TEL: 413 781-7240
 FAX: 413 781-7246
 www.astrochemicals.com
 DUNS 04-866-6465

INVOICE

DATE	INVOICE #
11/05/2025	1508880
DATE SHIPPED	ORDER #
11/05/2025	1423081

ASTRO CHEMICALS - FILE COPY

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ADVANCED MARINE TECHNOLOGIES
 33 CAPE STREET
 NEW BEDFORD , MA 02740-
 USA

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ADVANCED MARINE TECHNOLOGIES
 33 CAPE STREET
 NEW BEDFORD , MA 02740-
 USA

CUSTOMER P.O. #	FOB REMARK	FREIGHT TERMS		
Verbal Jeff		Prepaid		
RELEASE #	TERMS	DUE DATE	SHIP VIA	SALES ID
	NET 45 DAYS	12/20/2025	CC	PBM

Units	Package	Product Name	Total Qty.	Unit Pr	Amount
44	50.00 lb Bag	CITRIC ACID USP K OMRI Listed	2,200.00/lb	1.5500	3,410.00



SBI CO. LTD.
 6581500-BG50
 Lot: 94598

REMIT TO: P.O. Box 2248, Springfield, MA 01102-2248

TOTAL

3,410.00

NOTE: Returnable containers are the property of the seller. To guarantee return a charge is made. Containers and contents are to be paid for at the same time. To insure credit they must have been used exclusively for the product shipped therein and returned in good condition, within a reasonable time, to point of sale of merchandise, free of expense to the Seller. Credit or refund will be made only to the Buyer and not to successors, assigns, receivers or trustees of Buyer. LCL Regulations Require: All empty containers must be thoroughly drained. Empty drums must have filling and vent holes closed. Empty Carboys must be equipped with stoppers well secured. Claims for damages or deficiencies must be made on receipt of goods.

TERMS: NET 30 DAYS. A FINANCE CHARGE OF 1 1/2% PER MONTH (WHICH IS AN ANNUAL PERCENTAGE RATE OF 18%) WILL BE ADDED TO ALL BALANCES OVER 30 DAYS OLD. THIS FINANCE CHARGE MAY VARY PURSUANT TO THE MAXIMUM RATE ALLOWED BY LAW IN THE STATE OF DELIVERY, BUT WILL ALWAYS BE THE MAXIMUM RATE ALLOWED.

ATTORNEY'S FEES: IT IS AGREED THAT THE DEBTOR WILL PAY REASONABLE COSTS OF COLLECTION, INCLUDING ATTORNEY'S FEES OF ONE-THIRD (1/3) OF THE BALANCE AND INTEREST DUE IF REQUIRED TO ENFORCE OR COLLECT ANY PARTS OF THIS AGREEMENT IN DEFAULT.