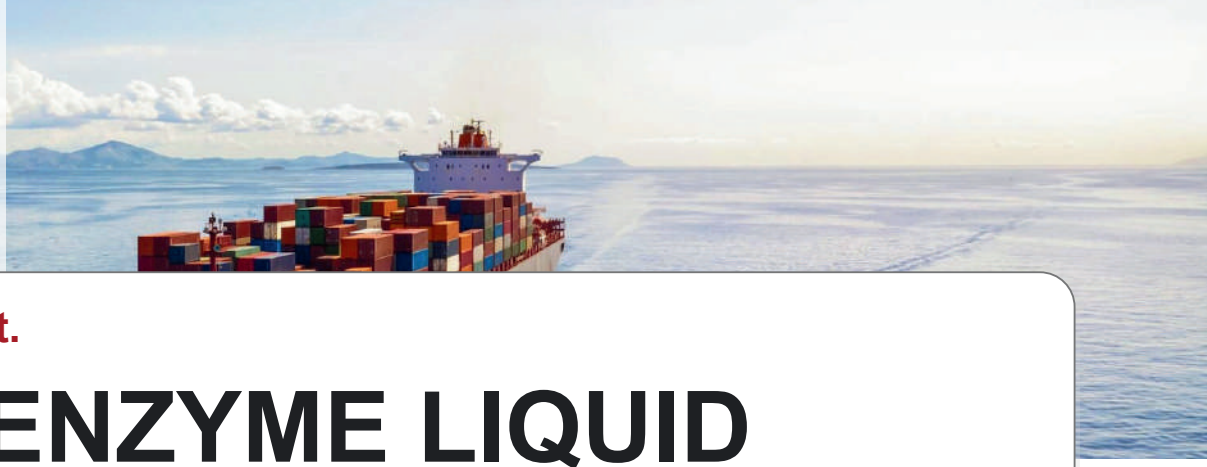


Water Treatment.

SHER-ENZYME LIQUID

Premium Evaporator Water Treatment for Superior Freshwater Production & Scale Control.

DESCRIPTION & APPLICATIONS:

SHER-ENZYME LIQUID is a biological sanitation treatment containing specially selected aerobic and anaerobic bacteria that produce natural enzymes to break down fats, oils, grease, proteins, starches, and other organic waste. It improves sanitation system performance while eliminating odor-causing waste accumulations.

The active bacterial cultures generate enzymes such as amylase, protease, cellulase, and lipase, enabling efficient waste digestion in marine sanitation systems, holding tanks, and wastewater storage facilities. Regular use helps reduce sludge buildup, prevent blockages, improve pumping efficiency, and control foul odors.

SHER-ENZYME LIQUID is non-corrosive, non-toxic, biodegradable, and environmentally responsible, providing safe and effective long-term sanitation system maintenance.

FEATURES & BENEFITS:

- Contains active aerobic and anaerobic bacterial cultures for effective biological waste digestion
- Produces naturally occurring enzymes that accelerate the breakdown of organic waste
- Digests fats, oils, grease, proteins, starches, and cellulose deposits
- Prevents grease accumulation and blockages in drains and sanitation systems
- Reduces sludge build-up in holding tanks and waste collection systems
- Eliminates foul odours at the source through biological action
- Maintains free-flowing drainage systems and improves sanitation performance
- Keeps organic waste in a pumpable liquid form for easier handling and disposal
- Fully biodegradable, environmentally responsible treatment solution
- Non-toxic, non-corrosive, and safe for routine system use
- Reduces reliance on aggressive chemical cleaners and harsh treatment methods
- Improves sanitation system efficiency while reducing maintenance requirements and operational costs

SHERAN CHEMICAL (UAE) |SHERAN HELLAS CHEMICAL (Greece)

+971 9 501 3271 | sales@sheran.net, Athens@sheran.net | www.sheran.net

Manufacturing & Sales: Fujairah, UAE | Athens, Greece

Marine and industrial chemicals supplier worldwide.

CERTIFICATIONS & MARINE SUPPLY NETWORKS

ProcureShip SHIPSERV ISO 9001:2015 COMPANY

PS ID: 14754 TN-315946

DOSAGE & APPLICATION:

Start-Up Treatment

For new systems or heavily contaminated systems:

System Volume	Initial Dosage
1 m³ Tank Capacity	1.0 L
5 m³ Tank Capacity	5.0 L
10 m³ Tank Capacity	10.0 L
20 m³ Tank Capacity	20.0 L

Allow 24-36 hours following start-up treatment for biological activation and establishment of bacterial populations.

Maintenance Treatment:

System Volume	Daily Dosage
1 m³ Tank Capacity	0.2 L
5 m³ Tank Capacity	1.0 L
10 m³ Tank Capacity	2.0 L
20 m³ Tank Capacity	4.0 L

Daily treatment maintains optimum biological activity and system cleanliness.

Drain & Fixture Treatment

When used as a sanitation cleaner:

Application Point	Dosage
Toilets	90 – 120 ml
Sinks	90 – 120 ml
Drains	90 – 120 ml
Scuppers	90 – 120 ml

Apply directly into the system in the same manner as conventional maintenance cleaners.

OPERATING GUIDELINES:

Parameter	Recommended Range
pH	5.5 – 8.5
Temperature	10°C – 44°C
Biological Activity	Continuous
Shock Chemical Treatment	Avoid

Extreme changes in pH or temperature should be avoided to maintain maximum biological activity.

ACTIVE ENZYME SYSTEM:

The bacterial strains generate a range of naturally occurring enzymes:

Enzyme	Function
Amylase	Digests starches
Protease	Digests proteins
Lipase	Digests fats and grease
Cellulase	Digests cellulose and fibrous waste

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TYPICAL PROPERTIES:

Property	Typical Value
Appearance	Liquid
Colour	Brown Liquid
Biological Activity	Active Bacterial Culture
Enzyme Types	Amylase, Protease, Cellulase, Lipase
pH Operating Range	5.5 – 8.5
Temperature Range	10°C – 44°C
Aerobic Bacterial Count	Minimum 40 Billion/Gallon
Biodegradability	Fully Biodegradable

STORAGE & HANDLING:

Store tightly closed in a cool, dry, ventilated area away from heat and sunlight, following standard SDS safety guidelines.

SHELF LIFE:

24 Months from the date of manufacture when stored under recommended conditions.

STANDARD PACKAGING:

- 01 L HDPE Bottle
- 05 L HDPE Cans
- 25 L HDPE Cans

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