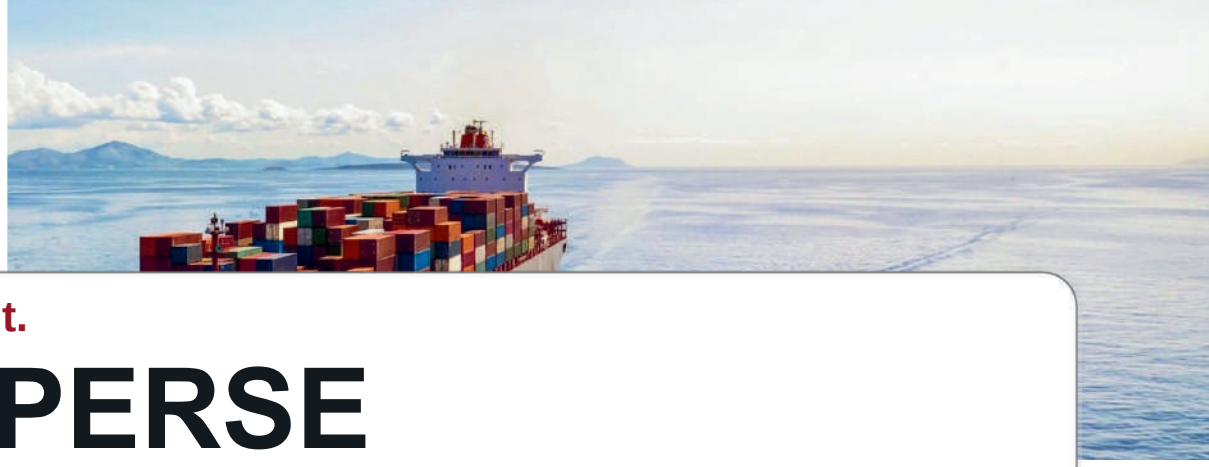
SHERAN CHEMICALS



Water Treatment.

ECOSPERSE

Marine Antifoulant for the Prevention of Marine Growth in Sea Chests, Strainers and Seawater Cooling Systems

DESCRIPTION & APPLICATIONS:

Highly effective amine-based marine antifoulant specially formulated to prevent and control marine growth in sea chests, seawater cooling systems, strainers, filter boxes, pipelines, and heat exchangers. The product prevents the attachment and development of algae, shellfish, barnacles, slime and other marine organisms that can restrict seawater flow and reduce system efficiency. Regular treatment helps maintain clean heat-transfer surfaces, improves cooling efficiency, and reduces maintenance requirements. Its excellent filming properties also help reduce corrosion in seawater systems, making it suitable for both static and flowing seawater applications.

FEATURES & BENEFITS:

- Prevents marine growth and biofouling
- Controls algae, shellfish, barnacles and microorganisms
- Assists in reducing corrosion through protective film formation
- Maintains maximum heat transfer efficiency
- Reduces maintenance costs and downtime
- Easy-to-use liquid treatment
- Biodegradable formulation
- Non-polluting and environmentally responsible
- Suitable for both static and flowing seawater systems
- Effective in sea chests, seawater lines, strainers, and heat exchangers

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Marine and industrial chemicals supplier worldwide.

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RECOMMENDED DOSAGE:

Seawater Flow Rate (T/H)	ECOSPERSE Required
100	0.3 L
250	0.75 L
500	1.5 L
750	2.25 L
1000	3.0 L

DIRECTIONS FOR USE:

For maximum effectiveness, seawater systems should be free from existing marine growth before commencing treatment. Where fouling is already present, the system should first be cleaned using an appropriate descaling treatment before applying ECOSPERSE.

Seawater Cooling Systems
ECOSPERSE should be injected into the sea chest using suitable dosing equipment for one hour every two days, based on the seawater flow rate. In harbour areas or regions with heavy marine growth activity, the dosing frequency should be increased. A treatment concentration of approximately 3 ppm is generally sufficient to prevent fouling.

Deep Sea Vessels
Dose at the rate of:
0.3 L of ECOSPERSE per 100 tonnes/hour seawater flow over a period of one hour every 48 hours.

Coastal Vessels
Dose at the rate of:
0.3 L of ECOSPERSE per 100 tonnes/hour seawater flow over a period of 24 hours. .

TYPICAL PROPERTIES:

Property	Typical Value
Appearance	Clear to Amber Liquid
Odour	Mild Amine Odour
pH (As Supplied)	9.0 - 11.0
Specific Gravity @ 25°C	0.95 - 1.05
Solubility	Completely Dispersible in Water
Flash Point	>60°C

SHELF LIFE:

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

STORAGE & HANDLING:

Store in tightly sealed original containers in a cool, dry, and well-ventilated area away from direct sunlight.

STANDARD PACKAGING:

- **25 L HDPE Containers**

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