

# PIK KEMICAL

Chemical Technologies

H/3

## ECOSPERSE

ANTIFOULANT AND CORROSION INHIBITOR IN SEA WATER COOLING SYSTEMS

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### DESCRIPTION

ECOSPERSE is a very efficient liquid product, inhibits and prevents marine growth, combining also anticorrosive properties. The low dosage required allows to be an extremely economical product.

### APPLICATIONS

ECOSPERSE inhibits growth and development of microorganisms like barnacles, mussels, shells, sea algae, in sea water circuits, like condensers, pipeline, seawater (cross) pipes, ballast tanks. The film created by this product acts as anticorrosive agent in sea water systems, especially with reference to main and auxiliary condensers.

### ADVANTAGES

Protects systems from corrosion  
Inhibits growth formation  
Acting as a film covering all areas treated, offers good protection between applications.  
The product is compatible with all types of metals and gaskets.  
ECOSPERSE may be employed also to control and inhibit fouling and corrosion in permanent ballast tanks.

### INSTRUCTIONS

The first treatment with ECOSPERSE should be applied to clean circuits. If necessary to clean the seawater cooling system pipe before starting treatment with ECOSPERSE, please contact our technical service.

Apply 600 gr of product each 100 tons of water passing through the seawater cooling system for one hour every two days.

During the spring and summer months or on coastal trade, apply daily.

### *Injection points:*

seawater strainers or directly on seachest connecting the injector on steam pipe or air vent always fitted in every vessel.

An automatic regulating system made of a tank (120 liters) with a proportional metering pump hooked to a timer and designed to inject the product in two different areas is available (see bulletin U/4).

### PRECAUTIONS

Avoid any contact with the eyes and skin, In case of contact immediately rinse thoroughly with fresh running water. If any problem persists seek medical assistance.

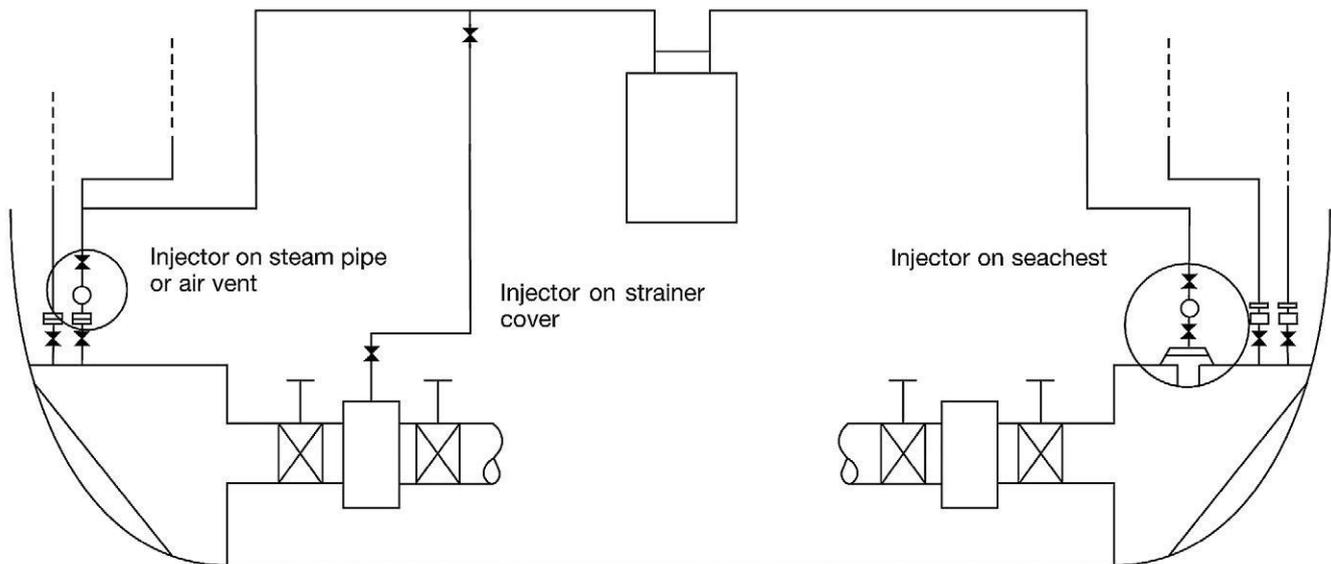
### PACKAGING

Non returnable  
- Plastic tanks 25 liters

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## TYPICAL INSTALLATION OF ECOSPERSE DOSING EQUIPMENT



## ECOSPERSE RECOMMENDED DOSAGE

Injection on seachests or strainers

### DEEPSEA TRADING VESSEL

ECOSPERSE should be metered at the rate of 0.3 liters of every 100 tons of sea water flow over a period of one hour every 48 hours.

### COASTAL TRADING VESSEL

ECOSPERSE should be metered at the rate of 0.3 liters every 100 tons of sea water flow over a period of 24 hours.