



ISO CERT NO. 160067



ISO CERT NO. 190018

FALCHEM BALLAST TANK CORROSION INHIBITORS

The product is a blend of organic & inorganic inhibitors together with an anti-scalant and is produced in liquid form for ease of application. Contains no chromates and is totally miscible in seawater, the product provides effective protection against pitting and general corrosion. The protective film on metal surfaces can be quickly reinforced by further additions of treatment after a routine test for product strength.

FEATURES & BENEFITS

Supplied in liquid form, therefore can be used immediately as received, Contains no chromates, will not harm environment.

Forms a barrier between seawater and the metal substrates, provides good inhibition against general corrosion below water level.

Consistency in protective film-forming layer and is stable over a wide pH & temperature range, Simple test for product strength.

Improve on the effectiveness of cathodic protection by enlarging protected area & extending life of installed anodes. Reduces costs in replacements of anodes.

The product when applied within a tank means a significant reserve of inhibitor is always present and this provides for long term electrochemical protection.

APPLICATIONS & DOSAGE FACTORS

Areas of application :-

Ballast Tanks, Bilges, Void spaces, Barges, Cofferdams, Heeling Tanks, Seawater-filled vessels under hydrostatic testing, Stern-Tube cooling water tanks, Wet Lay-Up protection.

Dosage Factor :-

Initial dosage is recommended at a rate of 100 ppm. Provided always that the seawater-filled system is not emptied out, next dosage should be at 50 ppm every 6-months interval as this will replenish the inhibiting property.

Example :-

@ 100 ppm, 1 liter product for every 10,000 liter.

@ 50 ppm, ½ liter product for every 10,000 liter.



ISO CERT NO. 160067



ISO CERT NO. 190018

Method of Application:

Feeding equipment should be of stainless steel or plastics. Ideally the product is best fed continuously to the water used to fill the tank or system. Proportioning of the product is not necessary as long as turbulence is provided for effective distribution.

- Please consult your Falchem specialist for other details of application. As a precaution, tanks under wet storage for extended period may have to contend with anaerobic sulphate reducing bacteria which can cause corrosion. A suitable biocide treatment is available.

SAFETY AND HANDLING

HANDLING	Handle with care. Store in dry, cool and well ventilated environment.
SAFETY	IMMEDIATE ACTIONS
Eye Contact	Avoid Eye Contact. Otherwise, flush with plenty of water for a few minutes. Seek medical attention.
Skin Contact	Avoid Skin contact. Otherwise, wash contaminated area thoroughly with water. Seek medical attention.
Inhalation	Do not breathe gas/vapors. Otherwise, seek fresh air source at once. Seek medical attention. In case of insufficient ventilation, wear suitable respiratory equipment..
If Swallowed	Avoid ingestion. Otherwise, consume considerable quantity of water. Do not induce vomiting. Seek medical attention.
General instructions	Avoid spillage, splashing and mishandling. Precautionary measures for body protection are strongly recommended before use.

PACKING SIZE: 25 LITER, 200 LITERS PAIL/DRUM

Read the Material Safety Data Sheet before using this product

For detailed information on safety and health, please refer to Material Safety Data Sheet and/or product label.

ENERCHEM (S) PTE LTD (Manufacturer of trademark FALCHEM®) of or any subsidiaries or associated companies warranties of merchantability and competence, if any, along with any expressed warranties concerning this merchandise, shall not be actionable or pertinent or effective if goods is used contrarily or differently to the directions herein and in no other way may due to impending hazards from inappropriate use of the good explained herein. Merchants might vary insubstantially depending on country of origin. The information provided concerning merchandise is exclusively presented to the customer.