

BALLAST TANK CORROSION INHIBITOR

- § Effective for use in ballast tanks, cofferdams, barges and voids.
- § Forms tightly bonded protective film on all metal surfaces below water level.
- § Protective film is stable over a wide pH and temperature range.
- § Formulated to give reduced pollution problems if accidentally discharged to sea.
- § Ideally suited for ballast and other tank protection during ship lay-up periods.

Product Description

BALLAST TANK CORROSION INHIBITOR (BTCI) is a liquid, film forming corrosion inhibitor.

Product Uses

BTCI is a blend of organic and inorganic inhibitors. It contains no chromates and is completely soluble in sea - water.

BTCI forms a tightly-bonded protective film on metal surfaces, which reduces pitting and general corrosion. The film is easily maintained and can be quickly reinforced by subsequent additions of treatment where a decline in continuing effectiveness is detected.

BTCI provides an economical means of corrosion inhibition in:-

Ballast Tanks Cofferdams Bilges
Barges Voids

BTCI will also provide effective inhibition of sulphate and carbonate scales.

BTCI can be used where sacrificial anodes are in use. Treatment with **PBTCI** can be expected to improve the effectiveness of the cathodic protection by enlarging the area protected and to extend the life of the anodes. The cost of the **BTCI** treatment is offset by the reduced costs of the anode replacement.

Application, Dosage and Control

BTCI can be fed neat from the drum. Feeding equipment for the concentrated product should be of stainless steel or plastic.

Ideally the product is best fed continuously to the water used to fill the tank or system. Strict proportioning is not required so long as the turbulence on filling is sufficient to provide effective distribution throughout the system.

Where the system to be treated is already full and draining and refilling is impractical, distribution of the **BTCI** treatment in an open vessel can be achieved by air agitation or pump circulation.

BTCI is recommended for systems in which dissolved oxygen is present and the use of air to encourage mixing will not impair corrosion protection.

The recommended initial dosage of **BTCI** is 100 ppm (100 ml per tonne of sea-water).

For ballast tanks or systems which are frequently emptied and refilled. The initial charge of 100 ml per tonne of water should be supplemented by a dosage of 50 ml per tonne each time the system is refilled.

Paco systems

Broadridge Close
Newton Abbot
Devon TQ12 1YE

Tel: 01626 207064

Fax: 08712 424345

www.paco-systems.co.uk

info@paco-systems.co.uk

*Paints and Coatings
for Industry*

Safety Precautions

BALLAST TANK CORROSION INHIBITOR is acidic and contains salts of zinc. It is irritating to the eyes and skin. Do not take internally. Avoid contact with eyes and skin. Wear rubber gloves and eye protection when handling the concentrated product. Wash off skin with plenty of water. If eyes are affected flush immediately and copiously with clean water and obtain medical attention.

If swallowed do not induce vomiting, give plenty of water and call a doctor immediately.

N.B. Do not give an unconscious person anything to drink.

Shelf life for unopened containers is 12 months. Store securely and keep containers closed when not in use.

Paco systems
Broadridge Close
Newton Abbot
Devon TQ12 1YE

Tel: 01626 207064
Fax: 08712 424345
www.paco-systems.co.uk
info@paco-systems.co.uk

*Paints and Coatings
for Industry*