

ZI-CHEM 29E0 Ballast Tank Inhibitor

HIGHLIGHTS

ZI-CHEM 29E0 is a multi-functional corrosion inhibitor designed ballast tanks, bilges, voids, cofferdams, barges and other systems where the water quality is lean and aggressive, tending to moderate or high corrosion potential.

The combination of organic and inorganic inhibitors in ZI-CHEM 29E0 offers one of the strongest corrosion control programs available in a single product.

Features

- 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

TYPICAL PROPERTIES

- Appearance: Clear to Hazy Colorless to Pink Liquid
- Specific gravity: 1.1 – 1.3
- pH (1% soln) 1.5 – 2.5
- Flash point: None
- Freeze point: 0°C

PRIMARY APPLICATIONS

ZI-CHEM 29E0 is best fed neat from the drum 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 ZI-CHEM 29E0 treatment in an open vessel can be achieved by air-agitation or pump circulation. ZI-CHEM 29E0 is recommended for systems in which dissolved oxygen is present and the use of air to encourage mixing will not impair corrosion protection.

FEEDING & CONTROL

The recommended initial dosage of ZI-CHEM 29E0 is 100mls.ton of water. This will provide 2 to 4 ppm zinc in the water system. For Ballast tanks or systems which are frequently emptied and refilled, the initial charge of 100ml per ton of water should be supplemented by a dosage of 50ml per ton each time the system is refilled.

THE BENEFITS

- Extended equipment life
- Reduced maintenance cost
- Enviromentally friendly
- Avoid unscheduled downtime

COMMON APPLICATIONS

- Ballast Tank
- Cofferdams
- Bilges
- Barges
- Voids

PACKAGING

- 25kg pails
- 200kg drums
- 1,000kg IBC's or in bulk

HANDLING & SAFETY

ZI-TECHASIA maintains a database of material safety data sheets (MSDS) on all our products. These contain health & safety information to assist in the safe and appropriate chemical handling, ensuring the protection of personnel.

