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## **Environmentally Friendly Corrosion Inhibitor for Salt Water and Brines**

Cortec Corporation, a global leader in innovative, environmentally responsible VpCI and MCI corrosion control technologies for packaging, metalworking, construction, electronics, water treatment, oil and gas, and other industries, has launched environmentally friendly corrosion inhibitor for salt water and brines

VpCI®-645 is a non-toxic, bio-based, biodegradable, concentrated formulation that protects ferrous and non-ferrous metals from corrosive solutions containing chlorides. It is designed to provide the most effective three phase corrosion protection in fresh water, salt water, brine, and other highly corrosive solutions containing dissolved halogens. VpCI-645 provides long term effectiveness in a low dosage. It is used as a treatment for a wide variety of marine and process applications to stop aggressive corrosion.

This water-based, nitrite and amine free corrosion inhibitor is excellent replacement for hazardous nitrite and chromate-based formulations. Being environmentally safe to use, VpCI-645 helps solve the problem of disposal, particularly for large quantities of water. It has the most favorable CO2 footprint and is readily water-soluble which makes application easy.

Typical applications include closed circuit cooling and heating systems containing brines or water, desalination plants, packer fluid applications, wet lay-up of boilers, pipelines, vessels and pulp and paper process equipment. It prevents water-bottom corrosion in oil storage tanks and ballast tanks of ship and offshore platforms. VpCI-645 conforms to NACE RP-0487-2000 standard and is ROHS compliant.

*(Ana Juraga, email: [ana.juraga@ecocortec.hr](mailto:ana.juraga@ecocortec.hr))*

