VpCI®-645

DESCRIPTION

Built to withstand the particularly corrosive properties of high-chloride environments, VpCI®-645's unique, concentrated formulation is ideal for hydrotesting in salt water, brine, and other aggressive solutions where fresh water is unavailable or cost inefficient.

VpCI®-645 is extremely effective at low dosages, making it a cost-effective replacement for chromate-based formulations, as well as hydrazine-based oxygen scavengers.

In addition, VpCI®-645 is comprised of 93% USDA certified biobased content, making it more environmentally responsible than traditional hydrotesting solutions, as well as helping to reduce costs related to disposal.

FEATURES

- Provides effective, multi-phase corrosion protection in aggressive environments, including salt water, brine, chloride, and other dissolved halogens
- Chromate and amine free
- Effective at low dosages (under 1% by volume)
- Multi-metal protection, including ferrous and non-ferrous metals
- Water-soluble solution makes for easy application
- Solubility unaffected by pH or salinity levels

TYPICAL APPLICATIONS

- Closed circuit cooling and heating systems containing salt water
- Desalination plants
- Wet layup of pipelines, vessels, etc.

PACKAGING & STORAGE

VpCI®-645 is available in 5 gallon (19 L) pails, 55 gallon (208 L) drums, 275 gallon (1,045 L) totes, and in bulk. To ensure best product performance, keep sealed in original packaging, indoors, and out of direct sunlight at 40–100° F (4–38° C).

Shelf life: 1 year

VpCI®-645

TYPICAL PROPERTIES*

Appearance	Dark brown liquid
Density	10.0–10.5 lbs/gal (1.20–1.26 kg/L)
Non-volatile content	33–40
pH	11–12 (1% aqueous)

* Typical values represent average laboratory values and are intended as guides only, not as lot specifications.

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LIMITED WARRANTY

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Cortec® Corporation warrants Cortec® products will be free from defects when shipped to customer. Cortec® Corporation's obligation under this warranty shall be limited to replacement of product that proves to be defective. To obtain replacement product under this warranty, the customer must notify Cortec® Corporation of the claimed defect within six months after shipment of product to customer. All freight changes for replacement products shall be paid by customer.

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