



VpCI®-643



PRODUCT DESCRIPTION

VpCI-643 is a unique, concentrated combination of inherently biodegradable corrosion inhibitors and oxygen scavengers that protect ferrous and non-ferrous metals from corrosive solutions containing chlorides. This product is designed to provide corrosion protection in fresh water, salt water, brine, and other highly corrosive solutions containing dissolved halogens.

As a concentrated formulation, VpCI-643 offers low dosage effectiveness as a treatment for a wide variety of marine and process applications requiring economical corrosion inhibition for fresh and salt water.

VpCI-643 is effective as a replacement for nitrite- and chromate-based formulations and hydrazine-based oxygen scavengers.

FEATURES

- Provides effective corrosion protection against aggressive attack of high chloride solutions
- Effective in a broad range of applications to stop aggressive corrosion by salt or fresh water, and brines
- Nitrite and amine-free
- Low concentration effectiveness provides economical treatment
- Multimetal protection
- Readily water-soluble liquid for easy application

TYPICAL APPLICATIONS

- Hydrostatic testing
- Closed circuit cooling and heating systems containing brines or water
- Desalination plants

METHOD OF APPLICATION

To provide corrosion inhibiting levels of above 95%, add VpCI-643 to:

Cooling/Heating Systems:

- 400-500ppm when the concentration level of chlorides is 3% or more by weight

Hydrostatic testing of pipeline, castings, tanks, and valves:

- 500-700ppm

TYPICAL PROPERTIES

| | |
|----------------------|------------------------------------|
| Appearance | Clear Yellow Liquid |
| Density | 9.5-9.7 lb/gal (1.14-1.17 kg/l) |
| Non-volatile Content | 40-43 |
| pH | 7.0-8.5 (Neat) |

PACKAGING AND STORAGE

VpCI-643 is available in 5 gallon (19 liter) pails, 55 gallon (208 liter) drums, liquid totes, and bulk. The product should be stored in a tightly closed container. Shelf life is 12 months.

FOR INDUSTRIAL USE ONLY

KEEP OUT OF REACH OF CHILDREN

KEEP CONTAINER TIGHTLY CLOSED

NOT FOR INTERNAL CONSUMPTION

CONSULT SAFETY DATA SHEET FOR MORE INFORMATION

LIMITED WARRANTY

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