



gas oil
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VpCI™ FORMULATED PRODUCTS FOR PROCESS INDUSTRIES

VpCI™ -638

PRODUCT DESCRIPTION

VpCI™ -638 is a waterborne corrosion inhibitor for indoor use based on field-proven vapor phase technology. Vapor phase inhibitors in VpCI™ -638 migrate and protect metal surfaces, resulting in time and cost savings. VpCI™ -638 is used as a water additive in food processing plants for indirect contact with foodstuffs. Typical applications include hydrotesting, closed loop cooling systems, boilers and heat exchangers. VpCI™ -638 is particularly effective on ferrous metals and aluminum.

VpCI™ -638 can also be used as a cleaner and degreaser. VpCI™ -638 is accepted for use on steel or tinplate in food packaging by the Food and Drug Administration. VpCI™ -638's ingredients are further accepted by the United States Department of Agriculture for use on packaging material in indirect contact with meat and poultry food products.

FEATURES

VpCI™ -638 contains vapor phase inhibitors which provide multimetal corrosion protection.

- Leaves a thin, self-healing film that is environmentally friendly
- Can be used as a cleaner/degreaser for food processing equipment and processing plants
- Does not affect the welding process
- VpCI™ -638 contains FDA and USDA approved ingredients for use on tinplate, aluminum and other metal products used in food processing and packaging.

TYPICAL APPLICATIONS

VpCI™ -638 is used in hydrotesting, closed loop cooling systems and other processes. For hydrotesting applications, the desired concentration is between 0.05-0.1%. VpCI™ -638 protects closed loop cooling systems when added to industrial water at a concentration level of 0.1-0.2%.

TYPICAL PROPERTIES

Appearance	Milky white liquid
Carrier	Water
Coverage	355-710 ft ² /gal (8-18 m ² /l)
Film Type	Thin, soft film
Film Thickness	0.25-0.5 mil (6.3-12.5 microns)
Flash Point	250°F (121°C)
Freeze Point	32°F (0°C)
Non-volatile Content	9-13%
pH	10-11 (Neat)
Density	8.2-8.4 lb/gal (0.98-1.01 kg/l)
Removal Method	Water or alkaline cleaners (Cortec VCI-410 series)

PACKAGING AND STORAGE

VpCI™ -638 is packaged in 5 gallon (19 liter) plastic pails, 55 gallon (208 liter) metal drums, totes and bulk. Shelf life is 24 months.

Minimum storage temperature: 32°F (0°C)
Maximum storage temperature: 120°F (49°C)



FOR INDUSTRIAL USE ONLY
KEEP OUT OF REACH OF CHILDREN
KEEP CONTAINER TIGHTLY CLOSED
NOT FOR INTERNAL CONSUMPTION
CONSULT MATERIAL SAFETY DATA SHEET FOR MORE INFORMATION

LIMITED WARRANTY

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