

## Industrial Heat Transfer Fluid Inhibitor Package

### PHYSICAL DESCRIPTION

Appearance	Colourless to light amber, free-flowing liquid
Freezing Point	<-40°C
Specific Gravity	1.44
Solubility	Water – complete soluble
Odour	Mild, Slight
pH	10.3 (neat)

### PROPERTIES

CFR OP 101 is an ethylene glycol based industrial inhibitor package for glycol-based heat transfer fluids.

CFR OP 101 fluid inhibitor package contains phosphate (ferrous metals), boron (reserve alkalinity), and tolyltriazole (non-ferrous/soft metals) corrosion inhibitors and helps protect your system.

### BENEFITS

CFR OP 101 can be used in heat transfer systems to provide optimal corrosion protection for heating and cooling applications with an operating range from sub -40°C to 170°C (depending on fluid base)

CFR OP 101 contains industrial corrosion control inhibitors, and was formulated to extend fluid service life, and provide a higher level of reserve alkalinity.

CFR OP 101 does not alter the glycol concentration of systems it is used in, and is compatible with all other industrial glycol-based heat transfer fluids.

CFR OP 101 also contains pH control chemistry to help raise the pH of acidic glycol systems to help prevent corrosion due to low pH.



## CFR OP 101

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#### MIXING & HANDLING INSTRUCTIONS

CFR OP 101 can be pre-blended into fluids prior to charging a system, and can also be added as an inhibitor additive to the accumulator tank of a glycol system providing it is circulating.

CFR OP 101 can be added to ethylene, diethylene (DEG), as well as triethylene (TEG)-based heat transfer fluids.

A 1% (10L per 1000L system volume) addition typically provides

- 1750ppm Phosphate
- 125 ppm Boron
- 175 ppm Tolyltriazole (TTZ)

#### CAUTION

Harmful if swallowed. Causes severe skin burns and eye damage.

Handle with care as with any industrial chemical.

Wash contacted area with large quantities of water.

OP 101 is available in 4 liter jugs, 20 Liter pails, 205 Liter drums and in bulk.

Safety Data Sheets are available outlining safe handling practices.

Disposal should be in accordance with all applicable federal, provincial, and local environmental regulations and laws.

For additional assistance or information, please contact your nearest CFR Chemicals Representative