

OPTISHIELD® II CORROSION INHIBITOR

OPTISHIELD® II is a special low conductivity formula for use where electrical conductivity is a concern. It has been specifically formulated to control corrosion in systems circulating water to industrial machines such as lasers, welders, machine tools and other process equipment.

OPTISHIELD® II corrosion inhibitor is exceptionally effective where copper, aluminum, tin, ferrous metals, lead, brass and other yellow metals are included in a **CLOSED CIRCUIT** water heating/cooling system.

OPTISHIELD® II prevents galvanic action from occurring between any of these dissimilar metals, as well as prevents oxidation of the ferrous metals in the system.

OPTISHIELD® II is of moderate toxicity and normally used in concentrations of 9 parts fluid to 1 part corrosion inhibitor.

OPTISHIELD® II Recommended shelf life (mixed or concentrate)-fluid can be stored for a period of 15 months from package date when stored in accordance with Opti Temp's storage guidelines.

The photograph below shows fittings immersed in both water treated with OPTISHIELD® II and fittings immersed in untreated water.

UNTREATED WATER



TREATED WATER



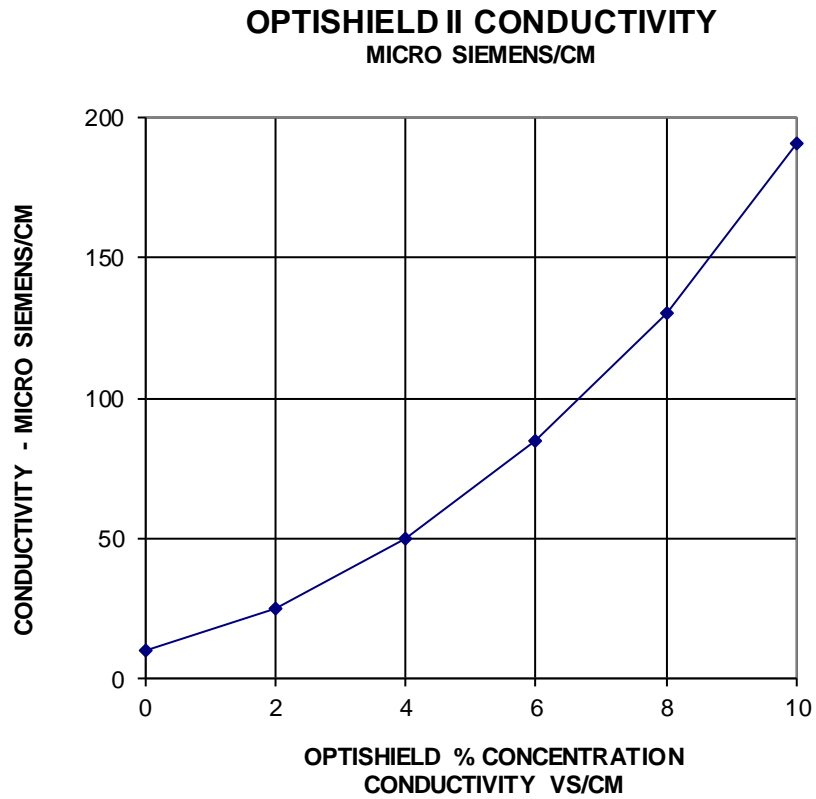
CHARACTERISTICS:

- CONDUCTIVITY: SEE BELOW
- SOLUBILITY: 100% SOLUBLE IN WATER
- BUFFERED pH: 7 to 8
- COLOR: CLEAR to SLIGHTLY YELLOW IN COLOR
- OPTISHIELD® II has a health code rating of 0 on a scale of 0 to 4 (0=insignificant; 1=slight; 2=moderate; 3=high; 4=extreme).
- OPTISHIELD® II is NOT considered a hazardous chemical for shipping by the DOT and is not a regulated chemical.

EXPORT INFORMATION:

SCHEDULE B (HARMONIZATION CODE) DESCRIPTION: OTHER CHEMICAL MIXTURES
 SCHEDULE B CODE: 3824.99.3900
 CAS NO. : SEE SDS
 ECCN NO: EAR99 NLR

SEE THE BELOW FOR CONDUCTIVITY INFORMATION.



NOTE - THE ABOVE CONDUCTIVITY IS BASED ON ADDING **OPTISHIELD® II** TO RO WATER.

Please visit www.Optishield.net for more information.