

OPTISHIELD® CORROSION INHIBITOR

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

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

OPTISHIELD® 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® and fittings immersed in untreated water.

UNTREATED WATER



TREATED WATER



CHARACTERISTICS:

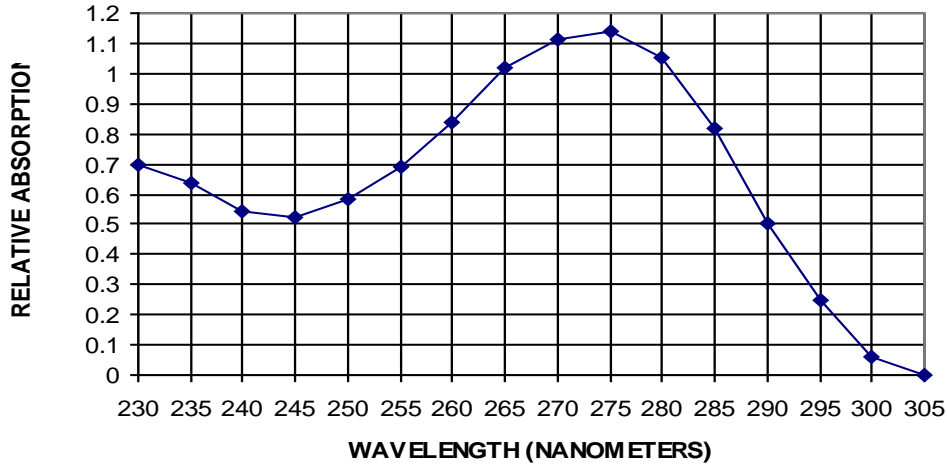
- CONDUCTIVITY: SEE BELOW
- SOLUBILITY: 100% SOLUBLE IN WATER
- BUFFERED pH: 9 to 10.5
- COLOR: CLEAR to SLIGHTLY YELLOW IN COLOR
- OPTISHIELD® has a health code rating of 2 on a scale of 0 to 4 (0=insignificant; 1=slight; 2=moderate; 3=high; 4=extreme).
- OPTISHIELD® is NOT considered a hazardous chemical for shipping by the DOT and is not a regulated chemical.

EXPORT INFORMATION:

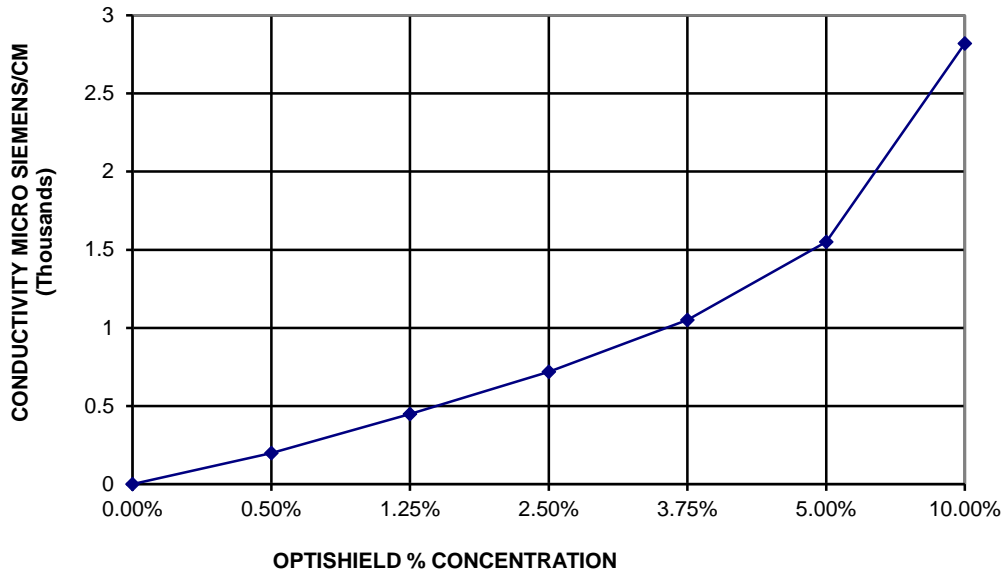
SCHEDULE B (HARMONIZATION CODE) DESCRIPTION: OTHER CHEMICAL MIXTURES
 SCHEDULE B CODE: 3824.99.3900
 CAS NO. : SEE SDS
 ECCN NO: EAR99 NLR

SEE THE BELOW FOR ABSORPTION AND CONDUCTIVITY INFORMATION.

RELATIVE ABSORPTION CURVE
OPTISHIELD CONCENTRATION = 10%



OPTISHIELD CONDUCTIVITY
MICRO SIEMENS/CM



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

Please visit www.Optishield.net for more information.