***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. ***OPTI TEMP®*** engineers can provide information on the optimum concentration if system capacity, types of metals present, and the approximate surface area of each type of metal are known.

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

UNTREATED WATER

TREATED WATER

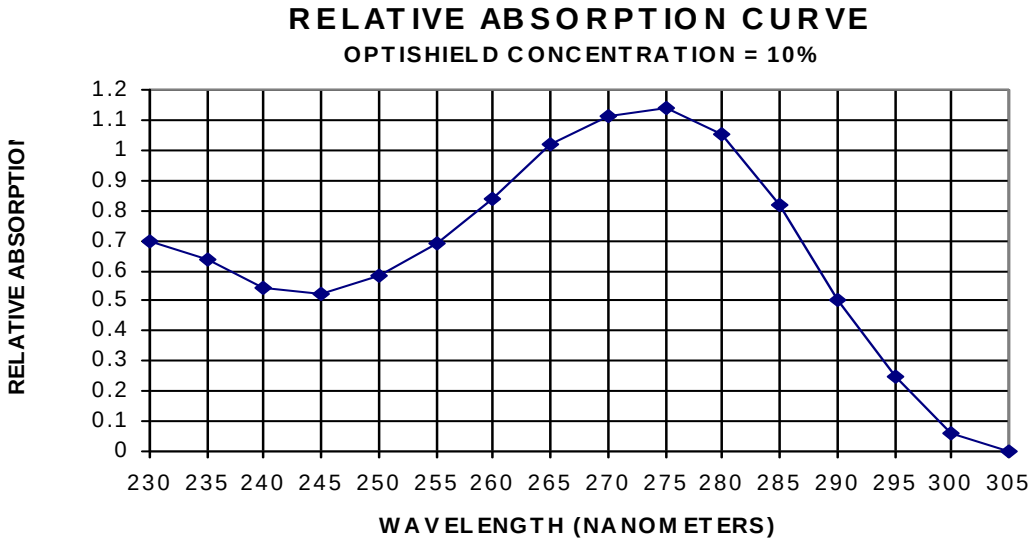
CHARACTERISTICS:

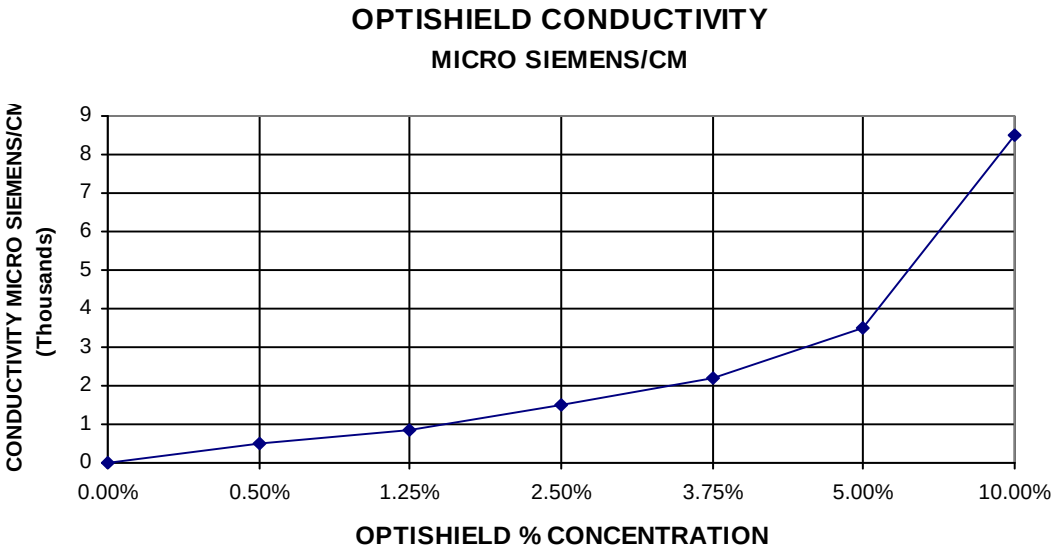
- ❑ CONDUCTIVITY: SEE BELOW
- ❑ SOLUBILITY: 100% SOLUBLE IN WATER
- ❑ BUFFERED pH: 9 to 10.5
- ❑ COLOR: CLEAR to SLIGHTLY YELLOW IN COLOR
- ❑ OPTISHIELD® has a health code rating of 1 on a scale of 0 to 4 (0=insignificant; 1=slight; 2=moderate; 3=high; 4=extreme).
- ❑ OPTISHIELD® is NOT considered a 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: 3824909160
CAS NO. : SEE MSDS
ECCN NO: EAR99 NLR

SEE THE BELOW FOR ABSORBTION AND CONDUCTIVITY INFORMATION.





NOTE – THE ABOVE CONDUCTIVITY IS BASED ON ADDING ***OPTISHIELD***® TO DEIONIZED WATER.

Please visit www.Optishield.net for more information.