

FUNCTIONAL CI-498

WATER-SOLUBLE CORROSION INHIBITOR for FOOD GRADE LUBRICANTS

APPLICATION:

FUNCTIONAL CI-498 is an aqueous based corrosion inhibitor that may be used in water-based lubricants and hydraulic fluids that might have incidental food contact.

COMPOSITION:

FUNCTIONAL CI-498 is an aqueous solution of a phosphate salt, approved by the U.S. Department of Agriculture as an ingredient in lubricants with incidental food contact.

Typical Properties	
Appearance	Clear to hazy liquid
Odor	None
Specific Gravity	1.02
Lbs per Gallon	8.5
Flash Point	None

TREATMENT LEVEL:

FUNCTIONAL CI-498 is permitted in food-grade lubricants at levels up to the level needed to accomplish its purposes of corrosion inhibition. The treatment level will depend on the rest of the formulation, but may be in the range of 0.05-0.2% wt. It may be used with antioxidants, thickeners, or additives customarily used in these applications.

HANDLING:

In its concentrated form **FUNCTIONAL CI-498** is a skin and eye irritant, and should be handled with suitable personal protection. **FUNCTIONAL CI-498** should be protected from freezing. See the Safety Data Sheet.



**Nonfood Compounds
Program Listed**
Category Codes: **HX1 and HX2**
Registration No. **120912**

This Technical Data Sheet and the Safety Data Sheet contain information believed to be accurate and reliable. No warranty is made, however, to information beyond the control of FUNCTIONAL PRODUCTS INC. The engineering and management personnel of the user are responsible for determining the suitability of this or any product for any specific application, and this information is offered to them for that purpose.

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