

FUNCTIONAL CI-426

ANTI-WEAR ADDITIVE / CORROSION INHIBITOR for FOOD-GRADE LUBRICANTS

APPLICATION:

FUNCTIONAL CI-426 is an oil-soluble, anti-wear additive and corrosion inhibitor that may be used in lubricants and hydraulic fluids with incidental food contact. It is completely soluble in white oils, polyalphaolefins and other suitable base oils.

COMPOSITION:

FUNCTIONAL CI-426 is an amine salt of an alkyl phosphate, NSF approved (reg # 120910, HX-1, HX-2) for lubricants with incidental food contact.

Typical Properties	
Appearance	Yellow liquid
Odor	Mild amine
Specific Gravity	0.94
Lbs per Gallon	7.8
Flash Point	100°C (212°F)
Kinematic Viscosity	500 cSt at 40°C
pH	8.0 - 9.5
Phosphorus	5.3 – 7.3
Solubility in oil	Soluble
Solubility in water	Insoluble

TREATMENT LEVEL:

FUNCTIONAL CI-426 is permitted in food-grade lubricants at levels up to 0.5%. If only rust protection is required, a starting level of 0.1% is recommended for normal protection (ASTM D665A) and 0.2% for salt water protection (ASTM D665B).

FUNCTIONAL CI-426 may be used with antioxidants, viscosity improvers or other additives customarily used in these applications.

HANDLING:

In its concentrated form, **FUNCTIONAL CI-426** may cause skin and eye irritation and should be handled with suitable personal protection. Fumes resulting from heating of the concentrated form may be an inhalation irritant.

See the Safety Data Sheet.



Nonfood Compounds
Program Listed
Category Codes: HX-1 and HX-2
Registration No. **120910**

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.