



FS CG 828: AQUEOUS Rust Preventative

FS CG 828 is an ultra-concentrate aqueous rust preventative used to impart short term indoor corrosion protection on metal parts, tanks, equipment, and machine tool surfaces. **FS CG 828** does not contain any nitrates, nitrites, silicates, borates, phenols, or heavy metals; and the product may be diluted further with water depending on the need and the application.

Usage: Short Term Indoor Protection/ Metalworking Additive

FS CG 828 provides excellent short term protection against rust for metal parts/surfaces that are to be stored indoors (1-3 months). The residue imparted by **FS CG 828** is such that the film is barely perceptible. This makes an excellent coating for work in progress protection, since **FS CG 828** will not affect coolant systems once the parts are introduced for secondary operations.

Recommended dilutions with water are **200:1 to 50:1**, depending on the residue desired and the amount of indoor protection required.

Additionally, **FS CG 828** may be used as a short term “spike” for metalworking coolants that may be having issues with rust. Simply add the product tank-side (**100:1 to 50:1**), to increase the alkalinity of the coolant and enhance the rust protection qualities. As **FS CG 828** is low foaming and highly compatible with most coolants, it makes for an excellent short term fix until the coolant system can be pumped, cleaned, and properly recharged with good coolant.

TYPICAL PHYSICAL PROPERTIES

- Fluid Type: Rust Preventative/Water Dilutable
- Color: Golden Amber
- Specific Gravity: 1.0-1.2
- pH @ 50:1 Dilution: 9.3
- Odor Diluted: Mild
- Residue: Imperceptible
- Metal Compatibility: Compatible with all metals
- VOC Value: <10

DILUTION INFORMATION

50:1 Refractive Index: **1.6** pH: **9.3** Residue: **Slight Tacky Film**

100:1 Refractive Index: **0.7** pH: **9.0** Residue: **Medium Film**

150:1 Refractive Index: **0.4** pH: **8.8** Residue: **Light Film**

200:1 Refractive Index: **0.3** pH: **8.8** Residue: **Very Light Film**

STORAGE/ MIXING: **FS CG 828** should be stored at room temperatures (between 55-90 deg. F). Should **FS CG 828** be exposed to temperatures out of this range, the rust preventative concentrate needs to be mixed well prior to use. Product may become unstable/split, if exposed to extreme temperatures. Always add concentrate to water while mixing, or run concentrates through a proportioning unit.

HEALTH AND SAFETY: Refer to Safety Data Sheet for more information.

Warranty: Because conditions of use are beyond our control no representation or warranty is made in connection with the use of this product. Technical information and recommendations are believed to be accurate but are not guaranteed.
September, 2015 / R: Product Tech Letterhead 2015/FS CG 828