

# PFLAUMER BROTHERS, INC.

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## METAL WORKING DATA SHEET

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### Tallicin® 6590

#### WATER BASED CORROSION INHIBITOR

#### TYPICAL CHARACTERISTICS

Appearance	Clear Fluid
Odor	Amine - Like
Lb/gal @ 60°F	8.9 - 9.3
5% Emulsion in Tap Water	Clear & Stable
5% Emulsion in Hard Water	Clear & Stable
Pour Point	0 - 10 °C
Flash Point (COC)	Boils @ 220°F
Solubility in Water	Complete
Solubility in 100 Vis Naphthenic Oil	Nil*
Solubility in 100 Vis Paraffinic Oil	Nil*
Solubility in Esters	Nil*
Falex Break Point(@ 10% concentration)	2500 - 3500 lb.
PH 5% in Tap Water	9.3 - 10.3
Corrosion Protection (Include Test Method)	0.5 - 1% (Cast Iron Chip)

\* Can be coupled in with additives

#### APPLICATIONS

Tallicin® 6590 is an amine carboxylate rust inhibitor that contains no Diethanolamine. This product is free of any inorganic compounds including nitrite, borate and heavy metals. This unique additive provides multi functional performance characteristics. Besides superior corrosion protection, Tallicin® 6590 provides increased boundary lubrication and reserve alkalinity. Tallicin® 6590 can be incorporated into coolants, corrosion inhibitors, cleaners, rinse aids, drawing and forming compounds. The product does not contain any oil, waxes.

**RECOMMENDED USE LEVELS** ..... 2 - 15% By Weight

#### CONTAINER SIZES

5 Gallon pail and 55 Gallon drum

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