

INHIBITOR 42

METALWORKING FLUID ADDITIVE



Product Information Flyer

INHIBITOR 42 is an additive used to increase ferrous corrosion control. INHIBITOR 42 can be added to any water-based metalworking fluid mix.

OPERATIONS:

In most cases proper concentration and routine makeup will provide the necessary long-term corrosion protection. However, as metalworking fluid systems age, especially in central systems, there may be a need to use an additive such as INHIBITOR 42 to boost corrosion protection. This can be used to counteract the build up of corrosive ions such as chlorides and sulfates.

APPLICATION:

Follow the recommended dilution range (see below). Do not add excessive amounts of INHIBITOR 42 since it will reduce product mildness (increase fluid alkalinity) and may increase residue formation (tackiness). The CIMCOOL[®] Lab can monitor the quantity of INHIBITOR 42 in a metalworking fluid as needed.

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RECOMMENDED STARTING DILUTIONS FOR INDUSTRIAL USE ONLY

Recommended Starting Dilution: 0.1% (1:1,000)

Typical Operating Range: 0.1% (1:1,000) to 0.7% (1:150)

For concentrations outside this range contact CIMCOOL® Technical Service at 513-458-8199.

TYPICAL PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Liquid

Appearance and odor: Clear / Chemical

Solubility in water: 100% Miscible

Weight, lb/gal, 60°F (15.6°C): 9.61

Specific gravity, (H₂O = 1): 1.151

Boiling point, °F (°C): 210 (99)

Flash point, PMCC, °F (°C): NA

Freezing point (or pour point), °F, (°C): 32 (0)

If frozen thaw completely at room temperature.

pH, concentrate: 10.7

HANDLING and STORAGE

If frozen thaw completely at room temperature. Inside storage is recommended.

SAFETY DATA SHEET

Available at www.cimcool.com

For additional information refer to its OSHA MSDS, website or contact your local CIMCOOL TECHNICAL SPECIALIST OR DISTRICT MANAGER, or you may contact CIMCOOL® Technical Services at 1-513-458-8199.

Limitation of Liability: Under no circumstances, shall we or any affiliate of ours have any liability whatsoever for loss of use, or for any indirect or consequential damages. Minor formulation changes or normal variations in the manufacture of this product may cause slight variances in the data presented on this sheet.



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