

INHIBITOR AL

METALWORKING FLUID ADDITIVE



Product Information Flyer

INHIBITOR AL is a aluminum corrosion-inhibiting additive which can be used in central filtration systems and individual machine reservoirs to temporarily regain corrosion and staining control in metalworking fluid mixes.

OPERATIONS:

Add INHIBITOR AL to metalworking fluid mixes as directed by CIMCOOL[®] Technical Services.

APPLICATION:

Pour INHIBITOR AL directly into the “clean” side of a central filtration system where contamination is the lowest and will be least likely to reduce its effectiveness. For individual machines, add directly to the sump (machine reservoir).

INHIBITOR AL is highly alkaline and must be added to metalworking fluid mix before use. Add slowly to avoid splattering. Avoid contact with skin, eyes, mucous membranes and clothing.

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RECOMMENDED STARTING DILUTIONS FOR INDUSTRIAL USE ONLY

Recommended Starting Dilution: 0.1% (1,000)

Typical Operating Range: 0.1% (1:1,000) to 0.2% (1:500)

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): 9.45

Specific gravity, (H₂O = 1): 1.132

Boiling point, °F (°C): 212 (100)

Flash point, PMCC, °F (°C): NA

Freezing point (or pour point), °F, (°C): -28 (-2)

If frozen thaw completely at room temperature.

pH, concentrate: 13.0

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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