

# WATER CONDITIONER V

## METALWORKING FLUID ADDITIVE



## Product Information Flyer

**WATER CONDITIONER V** is a metalworking fluid additive, which can be added to the mix water in central systems and individual machines to soften the water.

### **OPERATIONS:**

Use with semisynthetic and soluble oil products as directed by CIMCOOL<sup>®</sup> Technical Services to resolve hard water problems in emulsion products.

**Note:** A water analysis is necessary to determine the proper amount of Water Conditioner V; excessive amounts may lead to rust, and/or foam problems.

### **APPLICATION:**

If hard water is known to be a problem, mix Water Conditioner V with water before the metalworking fluid concentrate is added to prevent mix stability problems. Water Conditioner V can also be used to restabilize used mixes.

Pour WATER CONDITIONER V 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).

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### RECOMMENDED STARTING DILUTIONS

#### FOR INDUSTRIAL USE ONLY

Recommended Starting Dilution: 0.05% (1:2,000)

Typical Operating Range: 0.05% (1:2,000) to 0.10% (1:1,000)

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:** Complete

**Weight, lb/gal, 60°F (15.6°C):** 10.93

**Specific gravity, (H<sub>2</sub>O = 1):** 1.310

**Boiling point, °F (°C):** > 223 (106.1)

**Flash point, PMCC, °F (°C):** NA

**Freezing point (or pour point), °F, (°C):** -20 (-28.9)

If frozen thaw completely at room temperature.

**pH, concentrate:** 13.4

### HANDLING and STORAGE

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

### SAFETY DATA SHEET

Available at [www.cimcool.com](http://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.*



3000 Disney Street  
Cincinnati, OH 45209  
1-513-458-8199  
Fax 1-513-458-8179