

ADDITIVE LC

METALWORKING FLUID ADDITIVE



Product Information Flyer

ADDITIVE LC is a 50% solution of caustic soda (sodium hydroxide), which can be used to raise pH in central system reservoirs.

WHEN TO USE:

Add to CIMCOOL[®] metalworking fluid mixes as directed by CIMCOOL Technical Services. Use **ONLY**, after treating for bacteria and mold and when pH is low as determined by laboratory testing.

MAY CAUSE ERRONEOUS RESULTS WITH THE TOTAL ALKALINITY TITRATION PROCEDURE.

HOW TO USE:

Pour ADDITIVE LC directly into the “clean side” of a central system where contamination is lowest and will be less likely to reduce its effectiveness. Add slowly to avoid splattering. ADDITIVE LC will increase the alkalinity of the mix and overuse may cause skin irritation.

ADDITIVE LC

METALWORKING FLUID ADDITIVE

RECOMMENDED STARTING DILUTIONS FOR INDUSTRIAL USE ONLY

Typical Operating Range: 0.01% (1:10,000) to 0.013% (1:8,000)

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

ADDITIVE LC is to be added to CIMCOOL metalworking fluid mixes as described above.

TYPICAL PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Liquid

Appearance and odor: Hazy, caustic

Solubility in water: 100% Miscible

Weight, lb/gal, 60°F (15.6°C): 12.7

Specific gravity, (H₂O = 1): 1.5

Boiling point, °F (°C): 270 (133)

Flash point, PMCC, °F (°C): None, self extinguishing

Unusual fire & explosion hazards: Additive concentrate generate considerable heat when dissolved in water. Contact of additive concentrate with aluminum, tin, zinc, and similar alloys results in the generation of hydrogen gas.

Freezing point (or pour point), °F, (°C): 10 (-12)

If frozen thaw completely at room temperature.

pH, concentrate: 14.0

pH, 0.1% mix, typical operating conditions: 12

Total Chlorine/Chloride, wt%: 0.00/< 50ppm

Total Sulfur, wt%: 0.0

Silicones: No

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.



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