



Product

Type

CUPRISAN®

Metal Processing

Nucleophile antagonist

Application

CUPRISAN is a unique waste treatable copper complex designed to work synergistically with biocides.

CUPRISAN helps reduce the normally required dosages of biocides such as isothiazolinone-based microbicides by up to 80%.

CUPRISAN also eliminates and prevents the recurrence of most coolant-born odors such as the common rotten egg smell.

Typical Properties

Test	Typical
Appearance	Dark blue liquid
Specific gravity at 25° C	1.19
pH as supplied	9.5
Active ingredient (as Cu²⁺), by wt.	40,000 ppm

Benefits

- Reduces biocide use by to to 80%
- Eliminates most common odors
- Aids in the stabilization of water-based cutting fluids
- Waste treatable

Suggested Formulation Details

Metalworking fluid concentrates:

CUPRISAN 1-2%
For 10:1 to 40:1 dilutions

Tank side additions:

½ to 1 gallon **CUPRISAN** per 1000 gallons of fluids

Storage and Handling

Recommended Maximum Long Term Storage Temperature*	Ambient – Store in tightly closed drum
Recommended Minimum Temperature for Use	Ambient – use in well-ventilated place
Flash Point	None to boiling

*Long term storage at temperatures above this may result in loss of performance.



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