

CUNILATE #4520 is an emulsion concentrate containing 10% solubilized copper-8-quinolinolate as the active principle. It requires only the addition of water to prepare a stable treating solution.

Because of its excellent wetting properties, CUNILATE #4520 is especially recommended for the treatment of thread, cotton rope, and scrub resistant webbing, and similar cellulosic materials. After drying, however, textiles treated with CUNILATE #4520 are highly resistant to leaching. Leaching tests conducted in accordance with Method 5830 of CCC-T-191b show negligible loss of active principle.

CUNILATE #4520 is compatible with thermosetting resins and durable water repellents used in conjunction with scrub resistant finishes for cotton webbing.

For best results in making up treating solutions, cold water should be added slowly to the CUNILATE while stirring. Once an amount of water equal to the CUNILATE has been added, the balance of the water can be added more rapidly. Rapid and thorough agitation will produce a more homogeneous and stable treating solution.

For most treating requirements a solution consisting of 10 parts of CUNILATE #4520 and 90 parts of water is recommended. This treating solution contains 0.18% available copper.

Active principle:	10% copper-8-quinolinolate, completely solubilized
Copper as metal:	1.80% minimum
Solid content:	66%
Viscosity:	Liquid at room temperature
Weight per gallon:	8.225 lbs. at 65° F.
pH:	7 - 8
Flash point:	115° F. Virtually non-flammable after dilution with water
Color:	Bright green

Caution: In preparing a treating solution from CUNILATE #4520, the water should not exceed 100° F. nor should the treating solution be heated over this temperature.

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# SCIENTIFIC CHEMICALS <sup>i</sup><sub>n</sub> <sup>c</sup>.

**FUNGICIDES . . . BACTERICIDES**  
**SPECIALTY CHEMICALS**

SOCCT#4520

Active ingredient:  
Copper-8-quinolinolate 10%  
Inert ingredients: 90%

INSTRUCTIONS FOR USE:  
SEE TECHNICAL DATA SHEET

CAUTION: KEEP OUT OF REACH OF CHILDREN. Do not allow in direct contact with skin. If accidentally splashed on skin wash thoroughly with soap and water. Do not allow material to be splashed in eyes. If accidentally splashed in eyes wash eyes immediately with copious amounts of water and secure immediate medical attention.

Contents:

400 lb. net wt  
55 U.S. gallon

\*Reg. T.M.  
Reg. U.S. Pat. Off.

U.S.D.A. Registration  
2829-53

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