

Cunilate® 2419-75

Fungistatic Treatment for Paperboard, Kraft Paper and Textiles for Protection Against Mildew and Decay Fungi.

CAUTION



Keep Out of Reach of Children — Do not allow in direct contact with skin. Do not allow material to be splashed in eyes. Avoid contact with clothing. Harmful if swallowed.



If splashed on skin, wash thoroughly with soap and water. If splashed in eyes, wash eyes immediately with copious amounts of water and secure medical attention immediately. Wash after handling.



This product is toxic to fish. Treated effluent should not be discharged where it will drain into lakes, streams, ponds or public water. Do not contaminate water by cleaning of equipment or disposal of wastes. Apply this product as specified on this label.

Do not reuse empty drum. Return to drum reconditioner or destroy by perforating or crushing and burying in a safe place.

DIRECTIONS FOR USE

For Kraft paper and paper board - CUNILATE #2419-75 is recommended for use at levels of from 3.2 to 5.0% by weight based on the finished paper weight. It should be applied at the size press, with or without wax sizes. It is easily diluted with water, forming a smooth, homogenous emulsion. Violent agitation is not recommended to avoid foaming.

Rosin sizes should not be used with CUNILATE. For heavy duty textiles - for commercial use at least 4.0% CUNILATE #2419-75 (0.06% copper) by weight is recommended. Many government specifications require the use of copper 3-quinolinolate at a level of 0.72% (9.0% CUNILATE #2419-75) by weight. It should be applied at the padder along with water-repellents, if desired, after which the fabric may be dried on cans or frame. If other additives are used compatibility should be determined before application.

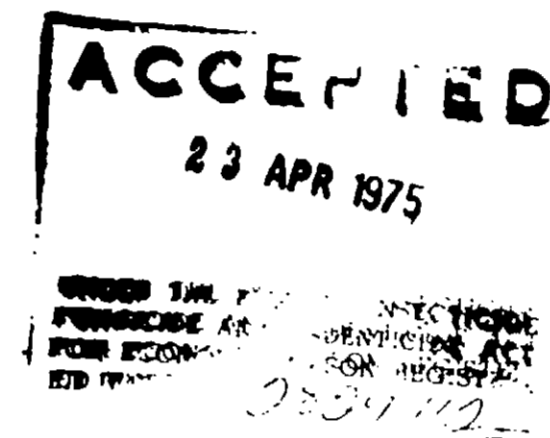
NOTICE TO USER



It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Active Ingredient:
Copper 8-quinolinolate

Inert Ingredients:



7.5%

92.5%
100.0%

READ THIS LABEL BEFORE USING

EPA REGISTRATION NO. 2829- 112

EPA EST REGISTRATION NO. 02829IL01

FOR ADDITIONAL DIRECTIONS REFER TO
TECHNICAL DATA SHEET

Seller makes no warranty, expressed or implied, concerning the use of this product other than indicated on the label. Buyer assumes all risk of use and/or handling of this material when such use and/or handling is contrary to label instructions.

CUNILATE #2419-75

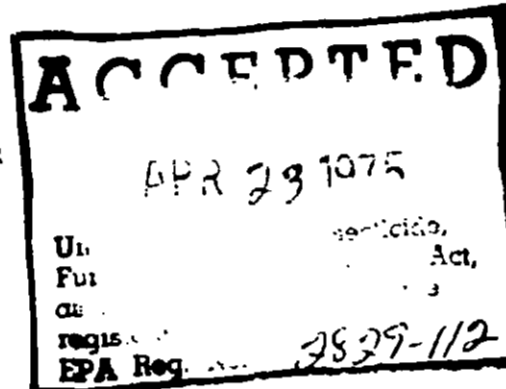
Fungistatic Treatment for Paperboard, Kraft Paper and Textiles for
Protection Against Mildew and Decay Fungi

CUNILATE #2419-75 is an anionic emulsion concentrate, especially designed to be easily diluted with water for application to paperboard used in the manufacture of shoe counters, agricultural mulch paper and heavy cellulosic fabrics for tents, awnings, tarpaulins, etc.

The excellent durability of copper 8-quinolinolate is well recognized by government agencies who require that it be used as the preferred fungistat in many military specifications for the control of mildew and decay fungi.

Physical Properties

Copper 8-quinolinolate	7.5%
Solids	37.5%
Specific Gravity	1.04 - 1.06 at 25° C.
Weight per gallon	8.65 lbs.
Appearance	Light-green emulsion
pH	6.5 - 7.0



Directions for Use

CUNILATE #2419-75 may be diluted to treating strength by the addition of water. It is recommended that the water be no warmer than 120° F. Agitation should be used to provide a smooth homogeneous emulsion. Violent agitation should be avoided to prevent the formation of a bright green foam.

Suggested Levels of Use

Paper and Paperboard: It is recommended that a minimum of 3.2% CUNILATE #2419-75 by weight be incorporated in the sheet. This will deposit approximately 0.045% copper as metal. Extensive tests conducted by commercial laboratories and at the Rock Island Arsenal of the U. S. Army Ordnance Department have shown that a high degree of durable fungistatic activity can be achieved at this level.

Military specifications for shoe counters require that double this amount be applied to the shoe board.

CUNILATE #2419-75 is applied at the size press and is compatible with many wax emulsions used as sizes. Posin sizes should not be used in the paper whenever CUNILATE is used.

VENTRON

Textiles: It is recommended that at least 4.0% CUNILATE #2419-75 (0.06% copper) by weight be used on textiles for commercial use. Many government specifications require the use of copper 8-quinolinolate at a level of 0.72% (9% CUNILATE #2419-75). Water repellents may be incorporated with CUNILATE #2419-75 if desired. Compatibility tests should be conducted to insure a stable system. The treating formulation is applied at the padder after which the fabric should be dried on cans or frame.

Toxicology

CUNILATE #2419-75 is accepted for use in meat and poultry processing plants for sanitation purposes by the United States Department of Agriculture.

Handling

CUNILATE #2419-75 is yellowish-green in color and will stain clothing. Its stability makes such stains hard to remove. Do not allow the product to be splashed in eyes. If splashed in eyes, wash eyes with copious amounts of water and seek prompt medical attention.

Environmental Precautions

This product is toxic to fish. Do not discharge excess into the effluent where it may enter lakes, streams, ponds or public water. Do not contaminate water by cleaning of equipment or disposal of wastes.

Do not reuse empty drum. Return to drum reconditioner or destroy by perforating or crushing and burying in a safe place.

Standard Package

250 lbs., net fiber drum

EPA Registration No. 2829-112

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