

PRECAUTIONARY STATEMENTS

Hazards to Humans (and Domestic Animals)

CAUTION

Harmful If Swallowed. Avoid Contact With Eyes, Skin, Or Clothing. Wear Safety Goggles And Rubber Gloves When Handling. CONTAINS PETROLEUM DISTILLATE.

FIRST AID

If Swallowed, Do Not Induce Vomiting. Call Physician Immediately. In Case Of Contact, Immediately Flush Eyes Or Skin With Plenty Of Water. Get Medical Attention If Irritation Persists.

ENVIRONMENTAL HAZARDS

This Product Is Toxic To Fish. Do Not Apply Directly To Water. Do Not Contaminate Water By Cleaning Of Equipment Or Disposal Of Waste.

PHYSICAL OR CHEMICAL HAZARDS

Do Not Use, Pour, Spill or Store Near Heat or Open Flame

Directions For Use

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

STORAGE AND DISPOSAL

Pesticide Disposal

Pesticide, spray mixture, or rinse water that cannot be used according to label instructions, must be disposed of according to applicable Federal, State, or Local procedures.

Container Disposal

Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other approved State or Local procedures.

CU-8-10

**AN INDUSTRIAL FUNGICIDE
TO CONTROL MOLD AND MILDEW**

ACTIVE INGREDIENT: 10%
COPPER-8-QUINOLINOLATE
INERT INGREDIENTS: 90%

KEEP OUT OF REACH OF CHILDREN

CAUTION

See Left Panel For Additional Precautionary Statements.

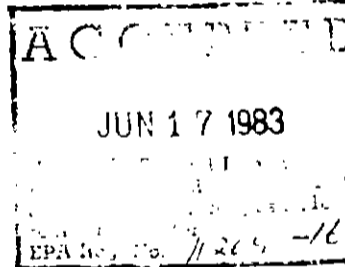
FOR COMMERCIAL USE ONLY

Contents
400 Lb Net Wt

EPA REG. NO. 11265-16
EPA EST. NO. 33766-IN-01



Maag, Inc.
Seymour Chemicals
P.O. Box 2408
Tuscaloosa, AL 35403 USA.



A FUNGICIDE TO CONTROL WOOD DECAY

COMPOSITION: Solubilized copper-8-quinolinolate in light solvent conforming to AWPA Specification P-8, and containing a minimum of 10% by weight of copper-8-quinolinolate as active ingredient.

DESCRIPTION: CU-8-10 is a formulation of copper-8-quinolinolate designed for the treatment of lumber used above ground by dip or pressure process to control wood decay.

DIP TREATMENT: Dip treatment of wood in CU-8-10 includes the following representative wooden items: Interior structural wood; wood items used or intended for use in packaging, transporting, or holding raw agricultural products; wooden decking for trucks, trailers, railroad cars, and patios; beverage cases, interior plywood and lumber walls and ceilings of van and refrigerator van bodies; wood inside refrigerators; rail beams; ladders; interior holds of boats.

PRESSURE TREATMENT: Pressure treatment applications include the following representative wooden items:

Decking for trailers, trucks, railroad cars and patios; framing lumber in floors and walls of shower rooms; wood used around swimming pools, especially the roofs, wood subject to rainwater splashing; wood used for the construction of food processing establishments and warehouses.

PREPARATION OF TREATING SOLUTION:

1. The CU-8-10 is added to mineral spirits (Stoddard Solvent) in the ratio of 2.5% to 10% by weight, depending on the end use requirement.
2. Mix the ingredients with a paddle or other simple means. No heating is necessary.

INSTRUCTIONS FOR TREATING WOOD:

1. DIP TREATMENT

Lumber and wooden containers should be totally submerged in the ready-to-use treating solution for a period of from 5 seconds to 15 minutes, depending upon the absorption required. Harvesting and beverage containers are usually dipped for a period of 5 seconds, while most lumber is treated for 3 minutes. Treatment conforming to Military Specifications, MIL-R-10932E and MIL-STD-1223J, are dipped for 15 minutes in order to conform to the requirements. The treated wood should then be drained of excess solution and allowed to air dry until all solvent has evaporated, and the wood is free of all solvent odor.

2. PRESSURE TREATMENT

The American Wood Preservers' Association Specification C-29 requires a retention of not less than 0.20 lb per cu ft of solubilized copper-8-quinolinolate (P-8) as CU-8-10. This is equivalent to 0.02 lb per cu ft of copper-8-quinolinolate as active ingredient.

Note: Solubilized copper-8-quinolinolate by definition contains 10% by weight of active ingredient.

The Association of American Railroads specification 17-2-9 requires a retention of 0.30 lb per cu ft whereas several commercial applications require a retention of 0.10 lb per cu ft of solubilized copper-8-quinolinolate.

All lumber should be milled to correct width and thickness prior to treatment, and if practical it should also be trimmed to correct length.

HANDLING: Since both CU-8-10, and the treating solution contain mineral spirits, proper precautions should be taken to insure adequate ventilation when handling. It should not be applied in the presence of heat or open flame. Smoking during application should not be permitted in the area. Suitable work clothing, gloves, and safety glasses should be worn during the application.

BEST

MOLD AND MILDEW INHIBITOR FOR PAINTS AND ADHESIVES

COMPOSITION: Solubilized copper-8-quinolinolate in aliphatic solvent
CONCENTRATION: Contains a minimum of 10.0% by weight of copper-8-quinolinolate

CU-8-10 is recommended for formulation into paints, protective coatings, and adhesives to produce products which are highly resistant to fungus growth.

PHYSICAL PROPERTIES:

Copper-8-quinolinolate:	10.0% completely solubilized
Copper as metal:	1.80% min
Basic carrier:	2-ethylhexoic acid and mineral spirits
Flash point:	104°F CLOSED CUP
Appearance:	PALE GREEN LIQUID
pH:	5.8

DIRECTIONS FOR USE: It is recommended that levels of from 0.15 to 1.0% by weight of CU-8-10 be used for the protection of adhesives and glues, based on the weight of the finished product.

CU-8-10 should be incorporated at levels of from 5% to 10% based on the volume of paint. The median level of 7.5% is most generally used, and paints with this level of protection have been found to be completely free from mold after two years under conditions where ordinary paint becomes contaminated within 60 days.

CU-8-10 will impart a green color to white paints. Slightly off-whites are easily produced through titanium pigments. Reactive pigments should be avoided in formulations containing CU-8-10. It may be necessary to incorporate additional dryers since the drying time of the coating may be affected.

USE PRECAUTION: Do not use in paints and adhesives that may come in contact with food and feed.

A FUNGICIDE FOR INDUSTRIAL COTTON FABRICS TO PREVENT MOLD AND MILDEW

COMPOSITION: Solubilized copper-8-quinolinolate in aliphatic solvent.
CONCENTRATION: Contains a minimum of 10.0% copper-8-quinolinolate (solubilized). Copper content is 1.80% to 1.83%.

DESCRIPTION: For treating cotton duck, cotton webbing, rope, and similar items which require copper-8-quinolinolate as the fungicide. Following is a partial list of Federal Specifications calling for the use of copper-8-quinolinolate as the mildew inhibitor.

MIL-D-504-C, Class B	Dyeing and after treatment processes for cotton duck and twill.
MIL-R-1670	Rope, tent lay.
MIL-W-530E	Webbing, textile, cotton.
MIL-R-1607C, Type 1	Treatment mildew resistant for rope.

APPLICATION: CU-8-10 can be diluted with any common organic solvent, and can be used in combination with waxes, stearates, and other water repellents.

The level of CU-8-10 required for protection against mold and mildew ranges from 2% to 10%, depending upon the degree of protection required. Most military requirements specify 1.0% CU-8-10 in the fabric. This is equivalent to 1.0% copper-8-quinolinolate as active ingredients. To get this pickup in the cotton fabric, a treating solution consisting of 20% CU-8-10 and 80% mineral spirits is prepared. The fabric is dipped into this solution, and then squeezed of excess solution, and dried. Assuming a wet pickup of 50% by weight of the treating solution, the dried fabric will contain 1.0% copper-8-quinolinolate.

Seller makes no warranty, expressed or implied, concerning the use of these products other than as indicated on the label. Buyer assumes all risk of use and handling of these materials when use and/or handling.