



OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

WASHINGTON, D.C. 20460

March 25, 2025

Warren W. Boone
Sales Manager
Martin Operating Partnership, LP
PO Box 191
Kilgore, TX 75663

Subject: Label Amendment - Registration Review Mitigation for Copper Compounds
Product Name: CSC Copper Sulfur Dust
EPA Registration Number: 82571-5
Application Date: October 5, 2023
Decision Number: 596731

Dear Warren W. Boone:

The Agency, in accordance with the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, has completed reviewing all the information submitted with your application to support the Registration Review of the above referenced product in connection with the Copper Compounds Interim Decision, and has concluded that your submission is acceptable. The label referred to above, submitted in connection with registration under FIFRA, as amended, is acceptable.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide, Fungicide, and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance Assurance.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling and must be used at your next label printing. You must

submit one copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 12 months from the date of this letter. After 12 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

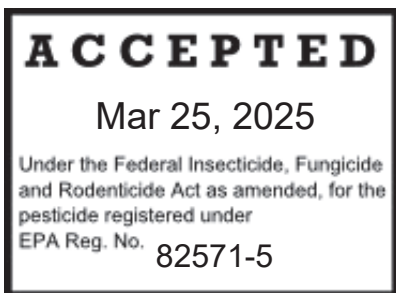
If you have any questions about this letter, please contact Caleb Carr by phone at (202) 566-0636, or via email at carr.caleb@epa.gov.

Sincerely,

A handwritten signature in blue ink, appearing to read "Linda Arrington", with a stylized flourish at the end.

Linda Arrington, Branch Chief
Risk Management and Implementation Branch 4
Pesticide Re-Evaluation Division
Office of Pesticide Programs

ENCLOSURE: Stamped label



CSC Copper Sulfur Dust Fungicide

ACTIVE INGREDIENTS:

Copper Oxychloride (CAS No. 1332-65-6).....	19.5%
Basic Copper Sulfate (CAS No. 1344-73-6).....	7.6%
Sulfur.....	25.0%
OTHER INGREDIENTS.....	47.9%
	100.0%

Metallic Copper Equivalent.....15.8% by weight

KEEP OUT OF REACH OF CHILDREN

WARNING/AVISO

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail).

FIRST AID

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|---------------|---|
| If in eyes: | Hold eye open and rinse slowly and gently with water for 15-20 minutes.
Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.
Call a poison control center or doctor for treatment advice. |
| If inhaled: | Move the person to fresh air.
If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.
Call a poison control center or doctor for treatment advice. |
| If on skin: | Take off contaminated clothing.
Rinse skin immediately with plenty of water for 15-20 minutes.
Call a poison control center or doctor for treatment advice. |
| If swallowed: | Call poison control center or doctor immediately for treatment advice.
Have a person sip a glass of water if able to swallow.
Do not induce vomiting unless told to do so by the poison control center or doctor.
Do not give anything to an unconscious person. |

Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact the following EMERGENCY TELEPHONE NUMBERS:

(800)424-9300 CHEMTREC (transportation and spills)
(800)222-1222 POISON CONTROL CENTER (human health)
(888)426-4435 ASPCA (animal health)

EPA Reg. No. 82571-5
Manufactured by Martin Operating Partnership, L.P.
4200 Stone Rd. PO Box 191
Kilgore, TX 75663

EPA Est. No. 82571-TX-1
Net Weight 50 Lbs. (22.68kg)

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING: Causes substantial but temporary injury. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear long-sleeved shirt, long pants, waterproof gloves, shoes plus socks and protective eyewear. Follow manufacturers for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with the product concentrate. Do not reuse.

Engineering Control Statements: When handlers use closed systems enclosed cabs or aircraft in a manner that meets the requirements found in the Worker Protection Standards (WPS) for agricultural pesticides [40 CFR 170.240 (d) (4-6), the handler PPE requirements may be reduced or modified as specified in WPS.

ENGINEERING CONTROLS STATEMENT:

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

Pilots must use an enclosed cab that meets the definition listed in the WPS for agricultural pesticides [40 CFR 170.305].”

USER SAFETY RECOMMENDATIONS

Users should wash hands before eating, drinking, chewing gum, using tobacco or the toilet. Users should remove clothing/PPE immediately if pesticide gets inside. The wash thoroughly and put on clean clothing. Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and other invertebrates and may contaminate water through runoff. The product has a potential for runoff for several months or more after application. Poorly draining soils and soils with shallow water tables are more prone to produce runoff that contains this product. Drift and runoff may produce hazardous to aquatic organisms in water adjacent to treated areas. Do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high-water mark. Do not contaminate water when disposing of washwater or rinsate.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170.

This standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 48 hours provide the following instructions are followed.

Notify workers of the application by warning them orally and by posting warning signs at the entrances to treated areas.

Not for greenhouse use.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is:

- Coveralls over long-sleeved shirt and long pants
- Waterproof gloves
- Shoes plus socks
- Protective eyewear such as safety glasses, goggles, or face shield

RESTRICTIONS

Pilots must use an enclosed cab that meets the definition listed in the WPS for agricultural pesticides [40 CFR170.305]

CSC COPPER SULFUR DUST is a product containing sulfur, basic copper sulfate and oxychloride, fixed neutral copper compounds. Application of material containing sulfur should not be made just prior to or during periods of excessively high temperatures.

GRAPES: Powdery Mildew, Bunch Rots – Use 19 lbs. per acre (3.02 lb. metallic copper equivalent). Apply at the time of berries begin to touch and thereafter at 3-day intervals as needed. Total application of this product must not exceed 126.6 lbs. of product per year (19.90 lbs. metallic copper equivalent). For disease control the material must be applied before the disease appears. Concord or other Labrusca type grapes may be injured by sulfur.

Consult your State Agricultural Experiment Station or your State Agricultural Extension Service for additional information consistent with directions on this label.

RESISTANCE MANAGEMENT

COPPER	GROUP M01	FUNGICIDE
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CSC COPPER SULFUR DUST FUNGICIDE contains copper hydroxide, and basic copper sulphate a Group M01 fungicide with a multi-site contact activity. Copper hydroxide is an inorganic non-systemic protectant compound which is generally considered as a low risk of developing resistance. Because CSC COPPER SULFUR DUST FUNGICIDE is a protective and not systemic fungicide, thorough coverage of the plant surface must be maintained. A gradual or total loss of control may occur over time if plant growth or weathering reduces the foliage coverage. However, because resistance development cannot be predicted, the use of this product should conform to sound resistance management strategies such as:

- Rotate the use of CSC COPPER SULFUR DUST FUNGICIDE or other Group M01 fungicides/bactericides within a growing season sequence with different groups that control the same pathogens.
- Use tank mixtures with fungicide/bactericides from a different group that are equally effective on the target pest when such use is permitted. Use at least the minimum application rate as labeled by the manufacturer.
- Adopt an IPM program for fungicide/bactericide use that includes scouting, uses historical information related to pesticide use, and crop rotation, and which considers host plant resistance, impact of environmental conditions on disease development, disease thresholds, as well as cultural, biological, and other chemical control practices.
- Where possible, make use of predictive disease models to effectively time fungicide/bactericide applications. Note that using predictive models alone is not sufficient to manage resistance.
- Monitor treated fungal/bacterial populations for resistance development.
- Contact your local extension specialist or certified crop advisor for any additional pesticide resistance-management and/or IPM recommendations for specific crops and pathogens.
- For further information or to report suspected resistance contact your local Martin Operating Partnership, L.P representative at 1-800-231-4595 or local extension specialist to report resistance.

MANDATORY DRIFT MANAGEMENT:

AERIAL APPLICATIONS:

- Do not release at a height greater than 10 ft. above the vegetative canopy of water, unless a greater application height is necessary for pilot safety.
- Applicators must use ½ swath displacement upwind at the downwind edge of the field.
- Do not apply when wind speed exceeds 15 mph at the application site. If the windspeed is greater than 10 mph, the boom length must be 65% or less of the wingspan for fixed wing aircraft and 75% or less of the rotor diameter for helicopters. Otherwise, the boom length must be 75% or less of the wingspan for fixed-wing aircraft and 90% or less of the rotor diameter for helicopters.
- Do not apply during temperature inversions

GROUND BOOM APPLICATIONS:

- Apply with the release height recommended by the manufacturer, but no more than 4 feet above the ground or crop canopy.
- Do not apply when wind speeds exceed 15 miles per hour at the application site.
- Do not apply during temperature inversions .

DRIFT ADVISORIES

THE APPLICATOR IS RESPONSIBLE FOR AVOIDING OFF-SITE SPRAY DRIFT. BE AWARE OF NEARBY NON-TARGET SITES AND ENVIRONMENTAL CONDITIONS.

RELEASE HEIGHT - Aircraft

- Higher release heights increase the potential for spray drift. When applying aurally to crops, do not release spray at a height greater than 10 ft. above the crop canopy, unless a greater application height is necessary for pilot safety.

BOOM HEIGHT - Ground Boom

Use the lowest boom height that is compatible with the spray nozzles that will provide uniform coverage. For ground equipment, the boom should remain level with the crop and have minimal bounce.

SHIELDED SPRAYERS

Shielding the boom or individual nozzles can reduce spray drift. Consider using shielded sprayers. Verify that the shields are not interfering with the uniform deposition of the spray on the target area.

TEMPERATURE INVERSIONS

Drift potential is high during a temperature inversion. Temperature inversions are characterized by increasing temperature with altitude and are common on nights with limited cloud cover and light to no wind. The presence of an inversion can be indicated by ground fog or by the movement of smoke from a ground source or an aircraft smoke generator. Smoke that layers and moves laterally in a concentrated cloud (under low wind conditions) indicates an inversion, while smoke that moves upward and rapidly dissipates indicates good vertical air mixing. Avoid applications during temperature inversions.

WIND

Drift potential generally increases with wind speed. AVOID APPLICATIONS DURING GUSTY WIND CONDITIONS. Applicators need to be familiar with local wind patterns and terrain that could affect spray drift.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage and disposal.

PESTICIDE STORAGE: Store unused products in original container, only in cool, dry areas out of reach of children and animals.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide or rinsate is a violation of Federal law. Dispose of excess or waste pesticide by use according to label directions or contact your State Pesticide or Environmental Control Agency or the Hazardous Waste Representative or the nearest EPA Regional Office for guidance.

CONTAINER HANDLING

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Non-refillable Container (flexible bags all weights): Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Dispose of empty container in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

Non-refillable Container (rigid- fifty lbs. or less): Non-refillable Container. Do not reuse or refill this container. Offer for recycling, if available. Clean container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or mix tank. Fill the container with one-fourth full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two or more times. Dispose of empty containers in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

Non-refillable Container (rigid- greater than fifty lbs.): Non-refillable container. Do not reuse or refill this container. Offer for recycling, if available. Clean container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or mix tank. Fill the container with one-fourth full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container on its other end and tip it back and forth several times. Empty the rinsate into application equipment or mix tank or store rinsate for later use or disposal. Repeat this procedure two or more times. Dispose of empty containers in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

DEALER MUST SELL IN ORIGINAL PACKAGES ONLY

NOTICE

Martin Operating Partnership, L. P. warrants that this product conforms to the chemical description on the label thereof and is reasonable fit for the purposes stated on this label when used in accordance with directions under normal use conditions. It is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness, or other consequences may result because of other factors such as weather conditions, presence of other materials, or the manner or use of application, all of which are beyond the control of Martin Operating Partnership, L.P. To the extent consistent with applicable law, in no case shall Martin Operating Partnership, L.P. be liable for consequential, special, or indirect damages resulting from the use or handling of this product. All such risks shall be assumed by the buyer.

Except as expressly provided herein, to the extent consistent with applicable law, Martin Operating Partnership, L.P. makes no warranties, guarantees or representation of any kind, either express or implied, or by usage of trade, statutory or otherwise, with regard to the product sold, including but not limited to, merchantability, fitness for a particular purpose, use or eligibility of the product for any particular trade usage. Buyers or users exclusive remedy, and Martin Operating Partnership, L.P. to liability, shall be for damages not exceeding the cost of the product.

In Case of Emergency, call CHEMTREC: (800)424-8300

**MARTIN OPERATING PARTNERSHIP, LP
P.O. BOX 191 – KILGORE, TX 75663**