

34704-320

06/09/2011

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U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Chemical Safety and Pollution Prevention
Office of Pesticide Programs
Registration Division (7504P)
1200 Pennsylvania Ave., N.W.
Washington, DC 20460

EPA Reg. Number:

34704-320

Date of Issuance:

JUN 09 2011

Term of Issuance:

Unconditional

Name of Pesticide Product:

C-O-C-S Copodust

NOTICE OF PESTICIDE:

Registration

Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Glenda Haage
Loveland Products, Inc.
7251 W 4th Street
Greeley, CO 80632

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act. Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

EPA received a label amendment request submitted by email on April 6, 2011. EPA grants this request under the authority of section 3(c)(5) of the Federal Insecticide, Fungicide and Rodenticide Act, as amended. With this accepted labeling, all requirements set forth in the Reregistration Eligibility Decision for Copper have been satisfied. Therefore, EPA reregisters the product listed above. This action is taken under the authority of section 4(g)(2)(c) of the Federal Insecticide, Fungicide, and Rodenticide Act, as amended. Reregistration under this section does not eliminate the need for continual reassessment of pesticides. EPA may require submission of data at any time to maintain the registration of your product.

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Signature of Approving Official:

Tony Kish, Product Manager (22)
Fungicide Branch/Registration Division/OPP/OCSPF (7504P)

Date:

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Notice of Reregistration (continued)
EPA Reg. No. 34704-320

Submit one (1) copy of final printed labeling. Amended labeling will supersede all previously accepted labels. A copy of your label stamped "Accepted" is enclosed for your records. Products shipped after 12 months from the date of this Notice or the next printing of your label, whichever occurs first, must bear the new revised label.

If you have any questions or comments regarding this letter, please contact Rose Mary Kearns at (703) 305-5611 or via e-mail at kearns.rosemary@epa.gov.



C-O-C-S® Copodust

ACCEPTED
JUN 9 2011
Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 34704-320

FUNGICIDE

ACTIVE INGREDIENTS:

Copper oxychloride (CAS # 1332-65-6)	8.74%
Basic copper sulfate (CAS # 1344-73-6)	1.72%
Inert Ingredients	89.54%
TOTAL	100.00%

Metallic copper equivalent 6.13%

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 this label, find someone to explain it to you in detail.)

FIRST AID

If in eyes:	<ul style="list-style-type: none"> • 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 swallowed:	<ul style="list-style-type: none"> • Call a 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 by mouth to an unconscious person.
If Inhaled:	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. • Call a poison control center or doctor for further treatment advice.
If on skin or clothing:	<ul style="list-style-type: none"> • 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.

FOR A MEDICAL EMERGENCY INVOLVING THIS PRODUCT CALL: 1-866-944-8565.
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

See Below For Additional Precautionary Statements And Directions For Use.

EPA REG. NO. 34704-320
EPA EST. NO. 34704-MS-001
NET WEIGHT 50 LBS. (22.68 KG)

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**C-O-C-S® COPODUST
EPA REG. NO. 34704-320**

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
WARNING**

Causes substantial but temporary eye injury. Do not get in eyes or on clothing. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Harmful if swallowed, inhaled or absorbed through skin. Avoid breathing spray dust.

Personal Protective Equipment (PPE)

Mixers, loaders, applicators, and other handlers must wear the following:

- Long-sleeved shirt and long pants,
- Shoes plus socks,
- Goggles, safety glasses or face shield.

Some materials that are chemical-resistant to this product are made of any waterproof material. If you want more options, follow the instructions for Category A on an EPA chemical-resistance category selection sheet.

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

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

Engineering controls statements

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets with 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.

USER SAFETY RECOMMENDATIONS

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing/PPE immediately if pesticide gets inside. Then 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 aquatic invertebrates and may contaminate water through runoff. This 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 be hazardous to aquatic organisms in water adjacent to treated areas. For terrestrial uses, do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwater or rinsate.

Poorly draining soils and soils with shallow water tables are more prone to produce runoff that contains this product.

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 State or Tribal agency responsible for pesticide regulation.

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DRIFT MANAGEMENT

A variety of factors including weather conditions (e.g., wind direction, wind speed, temperature, relative humidity) and method of application (e.g., ground aerial, airblast, chemigation) can influence pesticide drift. The applicator must evaluate all factors and make appropriate adjustment when applying this product.

Wind Speed

Do not apply at wind speeds greater than 15 mph. Only apply this product if the wind directions favors on-target deposition (approximately 3 to 10 mph), and there are no sensitive areas within 250 feet downwind.

Temperature Inversions

If applying at wind speeds less than 3 mph, the applicator must determine if a) conditions of temperature inversion exists, or b) stable conditions exists at or below nozzle height. Do not make applications into areas of temperature inversions or stable atmospheric conditions.

Other State and Local Requirements

Applicators must follow all state and local pesticide requirements regarding application of copper compounds. Where states have more stringent regulations, they must be observed.

Equipment

All aerial and ground application equipment must be properly maintained and calibrated using appropriate carriers or surrogates.

Additional requirements for aerial applications:

- The boom length must not exceed 75% of the wingspan or 90% of the rotor blade diameter.
- Release spray at the lowest height consistent with efficacy and flight safety. Do not release spray at a height greater than 10 feet above the crop canopy unless a greater height is required for aircraft safety.
- When applications are made with a crosswind, the swath must be displaced downwind. The applicator must compensate for this displacement at the up and downwind edge of the application area by adjusting the path of the aircraft upwind.

Additional requirements for ground boom applications:

- Do not apply with a nozzle height greater than 4 feet above the crop canopy.

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 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.

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,
- Chemical-resistant gloves made of any waterproof material,
- Chemical-resistant footwear plus socks,
- Protective eyewear such as goggles, safety glasses or face shield.

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

This fungicide is a product containing Copper Oxychloride Sulfate, which is a neutral insoluble copper. It may be applied with airplane or ground application equipment.

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DO NOT EXCEED THE MAXIMUM RATES IN THE FOLLOWING TABLES.

TREE FRUIT & VINE CROPS

Crop	Maximum per Application Rate (lbs product/A)	Maximum Annual Rate¹ (lbs product/A)	Minimum Retreatment Interval
Almonds, Apricots, Cherries, Nectarines, and Peaches	131.0 (dormant)	294.0	7 days
	24.5 (bloom)	294.0	5 days
Apples and Pears	131.0 (dormant)	261.0	N/A (only 1 application per season permitted)
	97.9 (Between silver-tip and green-tip)		
	24.5 (bloom)		
Caneberries (Blackberries, Boysenberries, Loganberries, Raspberries)	32.6	163.0	7 days
Citrus (California)	51.4	206.0	7 days
Filberts (WA and OR only.)	97.9	392.0	14 days
Walnuts	65.3	522.0	7 days

¹ Lower single application rates at longer application frequencies may be used.

VEGETABLE & FIELD CROPS

Crop	Maximum per Application Rate (lbs product/A)	Maximum Annual Rate¹ (lbs product/A)	Minimum Retreatment Interval
Carrots	16.3	81.6	7 days
Celery	16.3	86.5	7 days
Cucumbers	17.1	85.6	5 days
Eggplant	12.9	129.0	7 days
Hops	8.65	43.2	10 days
Lettuce	16.3	131.0	5 days
Lima Beans	12.9	77.3	7 days
Melons	17.1	85.6	5 days
Peppers	12.9	193.0	3 days
Potatoes	40.8	408.0	5 days
Squash	17.1	85.6	5 days
Sugar Beets	21.4	128.0	10 days
Tomatoes, fresh market	26.1	131.0	3 days
Tomatoes, processing	8.65	284.0	3 days

¹ Lower single application rates at longer application frequencies may be used.

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SEE SPECIFIC DISEASE AND APPLICATION INSTRUCTIONS FOR CROPS BELOW.

FRUITS AND NUTS (Rates in lbs Product)

ALMONDS: To control Brown Rot and Shot Hole Fungus apply 24.5 pounds per acre. Apply in pre-bloom and petal fall period.

APPLES AND PEARS: In pre-blossom and blossom periods for the control of Fire Blight and Scab use 8 to 24.5 pounds per acre. All blossoms must be protected ahead of periods of high humidity. Number of applications to be determined by length of the bloom period. For Scab control after the blossom period use a suitable fungicide which does not contain copper. Do not use on Anjou or Comice varieties of pears.

APRICOTS: To control Shot Hole Fungus use 24.5 pounds per acre. Apply as a fall treatment and in spring at red bud blossom. To control Brown Rot use 24.5 pounds per acre and apply in pre-blossom and blossom period.

CANE BERRIES (BLACKBERRIES, RASPBERRIES, BOYSENBERRIES, LOGANBERRIES): To control Leaf and Cane Spot and Yellow Rust use 33 pounds per acre. Two applications are necessary. Apply first application when new laterals are leafing out, the second when flowers begin to open. A post-harvest application after pruning but prior to the fall rains is of benefit in controlling the above diseases.

CHERRIES: To control Brown Rot and Leaf Spot use 24.5 pounds per acre. Apply in popcorn, bloom and petal fall periods.

CITRUS (California): For prevention of Brown Rot use 50 pounds per acre. Apply during the winter months. Treat the ground around the tree and the skirts of the trees to a height of 3 to 4 feet. Give particular attention to covering the fruit. Treat inside as well as outside, covering the trunks and skirts thoroughly. Retreatment may be necessary. Do not disturb soil after treatment. In areas with a history of severe copper damage treat the skirts no more than 2 feet high. Do not apply in areas where copper injury is known to occur or where fumigation with hydrogen cyanide gas is practiced.

FILBERTS: To control Bacterial Blight use 50 pounds per acre. Two applications are necessary. Apply first application in August, the second when half of the leaves have dropped. If the fall is unusually wet, apply a third application when most of the leaves have dropped. Apply dust when trees are wet with dew.

PEACHES AND NECTARINES: To control Peach Blight and Peach Leaf Curl use 24.5 pounds per acre. Apply as a fall treatment and in spring at bud swell. To control Brown Rot and Peach Blight use 24.5 pounds per acre. Apply in pre-blossom, blossom and petal fall periods.

WALNUTS: To control Walnut Blight use 20 to 50 pounds per acre. Apply in pre-bloom and post-bloom periods.

VEGETABLES AND FIELD CROPS

FOR DISEASE CONTROL ON THE FOLLOWING CROPS USE RATE LISTED AT 3 TO 10 DAY INTERVALS TO PROTECT NEW GROWTH THROUGHOUT THE GROWING SEASON. SEE TABLE FOR MAXIMUM APPLICATION RATES AND MINIMUM RETREATMENT INTERVALS.

CARROTS: For control of Leaf Blight. Apply no more than 16.3 lbs/A/application or no more than 31.6 lbs/A/year.

CELERY: For control of Celery Blight. Apply no more than 16.3 lbs/A/application or no more than 35.5 lbs/A/year.

CUCUMBERS: For control of Downy Mildew, Leaf Blight, Scab and aids in control of Bacterial Wilt. Apply no more than 17.1 lbs/A/application or no more than 85.6 lbs/A/year.

EGGPLANT: For control of Late Blight. Apply no more than 12.9 lbs/A/application or no more than 129.0 lbs/A/year.

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HOPS: For control of Downy Mildew. As a crown treatment for Early Downy Mildew control apply in the early spring. Apply no more than 8.65 lbs/A/application or no more than 43.2 lbs/A/year.

LETTUCE: For control of Downy Mildew. Apply no more than 16.3 lbs/A/application or no more than 131.0 lbs/A/year.

LIMA BEANS: For control of Downy Mildew, and Pod Spot. Apply no more than 12.9 lbs/A/application or no more than 77.3 lbs/A/year.

MELONS: For control of Downy Mildew, Leaf Blight, Scab and aids in control of Bacterial Wilt. Apply no more than 17.1 lbs/A/application or no more than 85.6 lbs/A/year.

PEPPERS: For control of Late Blight. Apply no more than 12.9 lbs/A/application or no more than 193.0 lbs/A/year.

POTATOES: For control of Early and Late Blight. Apply no more than 40.8 lbs/A/application or no more than 408.0 lbs/A/year.

SQUASH: For control of Downy Mildew, Leaf Blight, Scab and aids in control of Bacterial Blight. Apply no more than 17.1 lbs/A/application or no more than 85.6 lbs/A/year.

SUGAR BEETS: For control of Leaf Spot. Apply no more than 21.4 lbs/A/application or no more than 128.0 lbs/A/year.

TOMATOES: For control of Late Blight, Early Blight and Septoria Leaf Spot. Apply no more than 26.1 lbs/A/application or no more than 131.0 lbs/A/year.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Keep out of reach of children and animals. Store in original containers only. Store in a cool, dry place and avoid excess heat. Carefully open containers. After partial use, fold and roll back bags, clamp and close tightly. Do not put concentrate or dilute material into food or drink containers. Do not contaminate other pesticides, fertilizers, water, food or feed by storage or disposal.

In case of spill, avoid contact, isolate area and keep out animals and unprotected persons. Confine spills.

To confine spill: If dry material, cover to prevent dispersal. Place damaged package in a holding container. Identify contents.

PESTICIDE DISPOSAL: Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinse is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL: Nonrefillable container. Do not reuse or refill this container. Completely empty bag into application equipment by shaking and tapping sides and bottom to loosen clinging particles. Offer for recycling if available or dispose of empty bag in a sanitary landfill or by incineration. Do not burn, unless allowed by state and local ordinances.

For help with any spill, leak, fire or exposure involving this material, call day or night CHEMTREC - 1-800-424-9300.

CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

BEFORE BUYING OR USING THIS PRODUCT, read the entire Directions for Use and the following Conditions of Sale and Limitation of Warranty and Liability. By buying or using this product, the buyer or user accepts the following Conditions of Sale and Limitation of Warranty and Liability, which no employee or agent of LOVELAND PRODUCTS, INC. or the seller is authorized to vary in any way.

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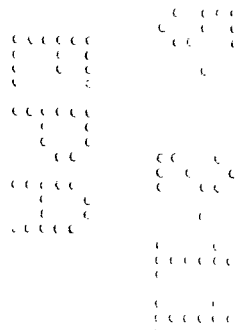
Follow the Directions for Use of this product carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Crop or other plant injury, ineffectiveness, or other unintended consequences may result from such risks as weather or crop conditions, mixture with other chemicals not specifically identified in this product's label, or use of this product contrary to the label instructions, all of which are beyond the control of LOVELAND PRODUCTS, INC. and the seller. The buyer or user of this product assumes all such inherent risks.

Subject to the foregoing inherent risks, LOVELAND PRODUCTS, INC. warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use when the product is used in strict accordance with such Directions for Use under normal conditions of use. EXCEPT AS WARRANTED IN THIS LABEL AND TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THIS PRODUCT IS SOLD "AS IS," AND LOVELAND PRODUCTS, INC. MAKES NO OTHER WARRANTY, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR ELIGIBILITY OF THIS PRODUCT FOR ANY PARTICULAR TRADE USAGE.

IN THE UNLIKELY EVENT THAT BUYER OR USER BELIEVES THAT LOVELAND PRODUCTS, INC. HAS BREACHED A WARRANTY CONTAINED IN THIS LABEL AND TO THE EXTENT REQUIRED BY APPLICABLE LAW, BUYER OR USER MUST SEND WRITTEN NOTICE OF ITS CLAIM TO THE FOLLOWING ADDRESS: LOVELAND PRODUCTS, INC., ATTENTION: LAW DEPARTMENT, P.O. BOX 1286, GREELEY, CO 80632-1286.

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE BUYER'S OR USER'S EXCLUSIVE REMEDY FOR ANY INJURY, LOSS, OR DAMAGE RESULTING FROM THE HANDLING OR USE OF THIS PRODUCT, INCLUDING BUT NOT LIMITED TO CLAIMS OF BREACH OF WARRANTY OR CONTRACT, NEGLIGENCE, STRICT LIABILITY, OR OTHER TORTS, SHALL BE LIMITED TO ONE OF THE FOLLOWING, AT THE ELECTION OF LOVELAND PRODUCTS, INC. OR THE SELLER: DIRECT DAMAGES NOT EXCEEDING THE PURCHASE PRICE OF THE PRODUCT OR REPLACEMENT OF THE PRODUCT. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, LOVELAND PRODUCTS, INC. AND THE SELLER SHALL NOT BE LIABLE TO THE BUYER OR USER OF THIS PRODUCT FOR ANY CONSEQUENTIAL, SPECIAL, OR INDIRECT DAMAGES, OR DAMAGES IN THE NATURE OF A PENALTY.

C-O-C-S is a registered trademark of Loveland Products, Inc.



**FORMULATED FOR
LOVELAND PRODUCTS, INC.
P.O. BOX 1286, GREELEY, COLORADO 80632-1286**