



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

August 14, 2020

Danielle Larochelle
Regulatory Manager
Nufarm Limited
c/o Nufarm Americas Inc.
4020 Aerial Center Parkway, Suite 101
Morrisville, NC 27560

Subject: Registration Review Label Mitigation for Copper Compounds
Product Name: Copper Hydroxide Wet Cake
EPA Registration Number: 35935-103
Application Date: 2/28/2019
Decision Number: 553611

Dear Danielle Larochelle:

The Agency, in accordance with the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, has completed reviewing all of 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.

A copy of your label stamped "Accepted" is enclosed. Products shipped after 12 months from the date of this amendment must bear the new revised label. Your release for shipment of the product bearing the amended label constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6.

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If you have any questions about this letter, please contact Darius Stanton by phone at 703-347-0433, or via email at Stanton.darius@epa.gov.

Sincerely,

A handwritten signature in blue ink, appearing to be "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

COPPER	GROUP	M1	FUNGICIDE
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Copper Hydroxide Wet Cake

For Manufacturing or Formulating Use Only

ACTIVE INGREDIENT:

Copper Hydroxide* (CAS No. 20427-59-2) 50.45%

OTHER INGREDIENTS: 49.55%

TOTAL: 100.00%

*Equivalent to 32.8% metallic copper by weight.

KEEP OUT OF REACH OF CHILDREN
DANGER - PELIGRO
 [SEE BELOW FOR FIRST AID AND PRECAUTIONARY STATEMENTS]

For Chemical Spill, Leak, Fire, or Exposure, Call CHEMTREC (800) 424-9300
For Medical Emergencies Only, Call (877) 325-1840

FIRST AID	
IF IN EYES	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15 to 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 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.
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 to 20 minutes. • Call a poison control center or doctor for treatment advice.
HOTLINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-877-325-1840 for emergency medical treatment information.	
NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate use of gastric lavage.	

EPA Reg. No. 35935-103
 EPA Est. No.

MANUFACTURED FOR
 NUFARM LIMITED
 4020 Aerial Center Parkway
 Morrisville, NC 27560



NET WEIGHT: _____ LB (_____ KG)

ACCEPTED
 Aug 14, 2020
 Under the Federal Insecticide, Fungicide
 and Rodenticide Act as amended, for the
 pesticide registered under
 EPA Reg. No. 35935-103

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
DANGER - PELIGRO**

Corrosive. Causes irreversible eye damage. May be fatal if swallowed. May be fatal if inhaled. Harmful if absorbed through skin. Do not get in eyes or on clothing. Do not breathe spray mist or vapor. Avoid contact with skin. Wear protective eyewear (goggles, face shield, or safety glasses), respiratory protection device, long sleeved shirt and long pants, shoes, socks, and waterproof gloves. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and aquatic invertebrates. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

DIRECTIONS FOR USE

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

Only for formulation into fungicides/bactericides for the following uses:

1) Terrestrial Food and Feed including Home Gardens and Orchards, and Greenhouse Food Crop

Uses: Alfalfa, Artichoke, Asparagus, Atemoya, Avocado, Banana, Beet (sugar, table), Bean (dry, green), Beet greens, Betel nut (Guam), Blueberry, Brambles (aurora, blackberry, boysen, cascade, chehalem, dewberry, logan, marion, raspberry, santiam, thornless, evergreen), Cacao, Carambola, Carrot, Celery, Celeriac, Cereals (barley, millet, oat, rye, sorghum, wheat), Chard, Cherimoya (custard apple), Chicory, Chives, Cinnamon, Citrus (citron, grapefruit, kumquat, lemon, orange, pummelo, tangelo, tangerine, lime), Clover, Coffee, Corn (field, pop, sweet), Coriander, Cranberry, Crucifers (broccoli, Brussels sprout, cabbage, cauliflower, Chinese cabbage, collard greens, kale, kohlrabi, mustard greens, turnip greens), Cucurbits (cantaloupe, casaba, chayote, citron melon, cucumber, gourd, honeydew, muskmelon, pumpkin, summer and winter squash, watermelon, waxgourd), Currant, Dill, Eggplant, Garlic, Ginseng, Gooseberry (Ribes), Grape, Guava, Hops, Kiwi, Leek, Lettuce (endive, escarole), Litchi, Mamey sapote, Mango, Mint, Nutmeg, Okra, Olive, Onion, Papaya, Parsley, Passion fruit, Pea, Peanut, Pepper (bell, chili), Persimmon, Pome Fruit (apple, loquat, pear, quince), Potato, Radish, Rhubarb, Rosemary, Rutabaga, Shallot, Soybean, Spinach, Strawberry, Stone Fruit (apricot, cherry, nectarine, peach, plum, prune), Sugar Apple (*Annona* spp.), Sugarcane, Tobacco, Tomato (processing, fresh), Tree nuts (almond, chestnut, filbert, macadamia, pecan, pistachio, walnut) Turnip, Watercress.

2) Terrestrial / Greenhouse Nonfood Crops, Forestry, and Residential Indoor/Outdoor Uses: Turfgrass (sod farms), Turf uses on golf courses, lawns and landscape areas around residential, institutional, public, commercial and industrial buildings, parks, recreational areas and athletic fields, uses on ornamentals grown in container, bench, flat, plug, bed or in the field, in greenhouses, shade houses, outdoor nurseries, retail nurseries, interiorscapes, and other landscape areas.

3) For experimental uses that are in compliance with US EPA requirements.

This product may be used to formulate products for specific use(s) not listed on the MP label if the formulator, user group, or grower has complied with U.S. EPA data submission requirements regarding the support of such use(s).

STORAGE AND DISPOSAL

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

STORAGE: Open dumping is prohibited. Keep container tightly closed when not in use.

PESTICIDE DISPOSAL: Pesticide wastes may be hazardous. Improper disposal of excess pesticide 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 HANDLING:

[Bags]

Nonrefillable container. Do not reuse or refill this container. Completely empty bag into manufacturing equipment. Then offer for recycling, if available, or dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

[Fiber Drums with Liners]

Nonrefillable container. Do not reuse or refill this container. Completely empty liner by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into manufacturing equipment. Then offer for recycling, if available, or dispose of liner in a sanitary landfill or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke. If drum is contaminated and cannot be reused, dispose of it in the manner required for its liner.

[Nonrefillable Containers 50 lb or Less]

Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. **Triple rinse as follows:** Empty the remaining contents into manufacturing equipment or a mix tank. Fill the container $\frac{1}{4}$ full with water and recap. Shake for 10 seconds. Pour rinsate into manufacturing equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling or reconditioning, if appropriate, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities. Plastic containers are also disposable by incineration, or, if allowed by state and local authorities, by burning. If burned stay out of smoke.

[Nonrefillable Containers larger than 50 lb]

Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. **Triple rinse as follows:** Empty the remaining contents into manufacturing equipment or a mix tank. Fill the container $\frac{1}{4}$ 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 over onto its other end and tip it back and forth several times. Empty the rinsate into manufacturing equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Then offer for recycling or reconditioning, if appropriate, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities. Plastic containers are also disposable by incineration, or, if allowed by state and local authorities, by burning. If burned stay out of smoke.

WARRANTY DISCLAIMER AND LIMITATION OF LIABILITY

The directions for use of this product must be followed carefully. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, (1) THE GOODS DELIVERED TO YOU ARE FURNISHED "AS IS" BY MANUFACTURER OR SELLER AND (2) MANUFACTURER AND SELLER MAKE NO WARRANTIES, GUARANTEES, OR REPRESENTATIONS OF ANY KIND TO BUYER OR USER, 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. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BUYER'S OR USER'S EXCLUSIVE REMEDY, AND MANUFACTURER'S OR SELLER'S TOTAL LIABILITY SHALL BE FOR DAMAGES NOT EXCEEDING THE COST OF THE PRODUCT.

If you do not agree with or do not accept any of the directions for use, the warranty disclaimers, or limitations of liability, do not use the product and return it unopened to the Seller, and the purchase price will be refunded.

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