



U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs
Registration Division (7505T)
1200 Pennsylvania Ave., N.W.
Washington, D.C. 20460

EPA Reg. Number:

81598-20

Date of Issuance:

11/6/24

NOTICE OF PESTICIDE:

☒ Registration
☐ Reregistration
(under FIFRA, as amended)

Term of Issuance:

Unconditional

Name of Pesticide Product:

Rotam Copper Sulfate
Pentahydrate Technical

Name and Address of Registrant (include ZIP Code):

Rotam Limited
c/o Wagner Regulatory Associates, Inc.
P.O. Box 640
Hockessin, DE 19707

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 under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA).

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.

This product is unconditionally registered in accordance with FIFRA section 3(c)(5) provided that you:

1. Submit and/or cite all data required for registration/reregistration/registration review of your product when the Agency requires all registrants of similar products to submit such data.

Continues page 2

Signature of Approving Official:

Kristy Crews, Ph.D., Product Manager 22
Fungicide Branch, Registration Division (7505T)

Date:

11/6/24

2. Make the following label changes before you release the product for shipment:
 - Revise the EPA Registration Number to read, "EPA Reg. No. 81598-20."
3. Submit one copy of the final printed label for the record before you release the product for shipment.

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 FIFRA 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) lists 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.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6. Your release for shipment of the product constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records.

The record for this product currently contains the following CSF(s):

- Basic CSF dated 11/30/2021

If you have any questions, please contact Elisha Graham at graham.elisha@epa.gov.

Enclosure- Stamped Label

[MASTER LABEL]

Rotam Copper Sulfate Pentahydrate Technical

FOR FORMULATING USE ONLY

ACTIVE INGREDIENT:	BY WT.
Copper Sulfate Pentahydrate	99.23%
OTHER INGREDIENTS:	0.77%
TOTAL:	100.0%
Metallic Copper equivalent 25.25%	
CAS No. 7758-99-8	

KEEP OUT OF REACH OF CHILDREN DANGER - PELIGRO

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	
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 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.
IF SWALLOWED:	<ul style="list-style-type: none"> Call a poison control center or doctor immediately for treatment advice. DO NOT induce vomiting unless told by a poison control center or doctor. Have person sip a glass of water if able to swallow. 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 mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.
HOTLINE NUMBERS Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For 24-Hour Medical Emergency Assistance (Human or Animal), call: 1-800-222-1222 . For Chemical Emergency Assistance (Spill, Leak, Fire, or Accident), call CHEMTREC: 1-800-424-9300 .	
NOTE TO PHYSICIAN Probable mucosal damage may contraindicate the use of gastric lavage. Corrosive. Causes irreversible eye damage.	

[Optional referral statements when booklets and container labels are used:

See Panel for First Aid Instructions and booklet for complete Precautionary Statements and Directions for Use.

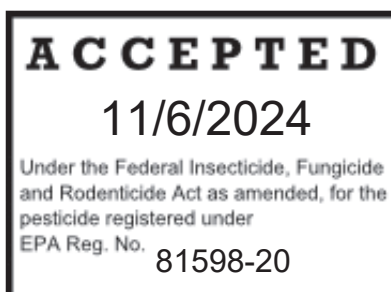
See label booklet for complete Precautionary Statements, Directions For Use, and Storage and Disposal.

See label booklet for additional Precautionary Statements Directions For Use, and Storage and Disposal.

See label booklet for complete Directions For Use.]

Manufactured [By] [For]:

Rotam Limited
Unit 6, 26/F, Trend Centre
29 Cheung Lee Street
Chai Wan, Hong Kong

**EPA Reg. No. 81598-XX****EPA Est. No.:** _____**Net Contents:** _____

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER

Corrosive. Causes irreversible eye damage. Harmful if swallowed. Harmful if absorbed through skin. Harmful if inhaled. **DO NOT** get in eyes or on clothing. Wear appropriate protective eyewear such as goggles, face shield, or safety glasses. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove and wash contaminated clothing before reuse. Avoid contact with skin. Avoid breathing dust, vapor, or spray mist.

Some materials that are chemical-resistant to this product are: Polyethylene, Polyvinyl Chloride (PVC) ≥ 14 mils, Barrier Laminate, Butyl Rubber ≥ 14 mils, Nitrile Rubber ≥ 14 mils, Neoprene Rubber ≥ 14 mils, Natural Rubber ≥ 14 mils, Viton ≥ 14 mils.

ENVIRONMENTAL HAZARDS

This product 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 the product in a manner inconsistent with its labeling.

Formulators using this product to produce an end use pesticide product are responsible for obtaining an EPA registration for their end use product.

Only for use in formulating/manufacturing:

- Pesticide products for control of algae, aquatic weed, and bacterial odor control in lakes, potable water reservoirs, ponds, fish hatcheries, aquaculture (when fish are present), sewage lagoons, pits, other organic sludges and crop and non-crop irrigation conveyance systems, ditches, canals, and laterals.
- Pesticide products for control of algae and bacterial odor in swimming pools, waterscapes, decorative pools, and fountains.
- Pesticide products for control of algae and tadpole shrimp in rice fields (domestic and wild).
- Pesticide products for control of fungi and or bacteria for use on the following crops: alfalfa, almond, apple, apricot, artichoke, asparagus, atemoya, avocado, banana, barley, betel nut, blueberry, blackberry, boysenberry, dewberry, logan, raspberry, bulbs (Easter lily, gladiolus, tulip), cacao, caneberries, cantaloupe, carambola, chard, chestnut, cherimoya, cherry (sweet, sour), chicory, chives, cinnamon, citrus, clover, coffee, coriander, corn, cranberry, currant, dewberry, dill, filbert, ginseng, gooseberry, grapefruit, grape, guava, hops, kiwi, kumquat, lemon, litchi, lime, loganberry, loquat, macadamia, mamey sapote, mango, millet, muskmelon, nectarine, oat, olive, orange, ornamentals, papaya, parsley, passion fruit, peach, peanut, pear, pecan, persimmon, pistachio, plum, potato, prune, quince, raspberry, rice, rosemary, rye, sorghum, soybean, strawberry, sugar beet, sugarcane, tangelo, tangerine, tobacco, turf, walnut, watermelon, wheat, and vegetables (bean, beet, broccoli, brussel sprout, cabbage, carrot, cauliflower, celeriac, celery, Chinese cabbage, collard, cucumber, cucurbits, eggplant, garlic, greens, kale, kohlrabi, leek, lettuce, mint, mustard green, okra, onion, pea, pepper, pumpkin, radish, rhubarb, rutabaga, shallot, spinach, squash, tomato, turnip greens, watercress).
- Pesticide products for control of roots and fungi in drains, sewer systems, pumps, and force mains.
- Pesticide products for control of Schistosoma-infected freshwater snails.
- Pesticide products for control of weeds, algae, snails, microscopic organisms, mussels in impounded waters (to include tanks, raceways, ponds, lakes, reservoirs) and fish hatcheries.
- Pesticide products for control of weeds, algae, mussels in flowing water or static water or minimal flow situations, in crop and non-crop irrigation conveyance systems, ditches, canals and laterals.
- Pesticide products for control of algae and or fungi on roofs and other surfaces.
- Pesticide products for control of the genera of algae listed below commonly found in waters of the United States:

Cyanophyceae (Blue Green): Anabaena, Anacystis, Aphanizomenon, Calothrix, Cylindrospermum, Gloeotrichia, Gomphosphaeria, Nostoc, Oscillatoria, Phormidium, Plectonema, Polycystis, Rivularia, Symploca

Chlorophyceae (Green): Ankistrodesmus, Botryococcus, Chara, Chlorella, Cladophora, Closterium, Coelastrum, Crucigenia, Desmidium, Draparnaldia, Enteromorpha, Gloeocystis, Golenkinia, Hydrodictyon, Microspora, Nitella, Oocystis, Palmella, Pithophora, Scenedesmus, Spirogyra, Staurastrum, Tetraedron, Tribonema, Ulothrix, Zygnema
--

Diatomaceae (Diatoms): Achnanthes, Asterionella, Cymbella, Fragilaria, Gomphonema, Melosira, Navicula, Neidium, Nitzschia, Stephanodiscus, Synedra, Tabellaria

Protozoa (Flagellates): Ceratium, Chlamydomonas, Cryptomonas, Dinobryon, Eudorina, Euglena, Glenodinium, Haematococcus, Mollomonas, Pandorina, Peridinium, Synura, Uroglena, Volvox
--

- Formulation of pesticide products as tanning and preserving agent for leather and hides.
- Non-pesticidal manufacturing and industrial uses.

This product may be used to formulate products for any additional uses not listed on this label if the formulator, user group, or grower has complied with US EPA data submission requirements regarding the support of such uses.

STORAGE AND DISPOSAL

DO NOT contaminate water, food, or feed by storage or disposal.

PESTICIDE STORAGE: Store product in original container in a secure dry place. Keep product dry as product is water soluble. Spilled product must be swept up, used if clean, or disposed of according to the procedures below. Store pesticide separately to prevent cross-contamination of other pesticides, fertilizers, food, and feed.

PESTICIDE DISPOSAL: Pesticide wastes are acutely 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:

[NONREFILLABLE CONTAINER]: **[DO NOT** reuse or refill this container. Completely empty bag into formulation equipment by shaking and tapping sides and bottom to loosen clinging particles. If not emptied in this manner, the bag may be considered an acute hazardous waste and must be disposed in accordance with local, State and Federal regulations. When completely empty, offer for recycling if available, or dispose of bag in a sanitary landfill or by incineration, or by other procedures allowed by State and local authorities .]

[Less Than or Equal to 50 Pounds]: [Nonrefillable container. **DO NOT** reuse or refill this container. Triple rinse or pressure rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container $\frac{1}{4}$ full with water and recap. Shake for 10 seconds. Pour rinsate into application 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. Pressure rinse as follows: Empty the remaining contents into application equipment or a mix tank. Hold container upside down over application equipment or a mix tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container, and rinse at about 40 PSI for at least 30 seconds. Drain for 10 seconds after the flow begins to drip. Then offer for recycling if available or reconditioning if appropriate or puncture and dispose of in a sanitary landfill or by incineration, or by other procedures allowed by State and local authorities.]

[Greater Than 50 Pounds] [Nonrefillable container. **DO NOT** reuse or refill this container. Triple rinse or pressure rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application 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 application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Pressure rinse as follows: Empty the remaining contents into application equipment or a mix tank. Hold container upside down over application equipment or a mix tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container, and rinse at about 40 PSI for at least 30 seconds. Drain for 10 seconds after the flow begins to drip. Then offer for recycling if available or reconditioning if appropriate or puncture and dispose of in a sanitary landfill or by incineration, or by other procedures allowed by State and local authorities.]

[Refillable container:] [Refill this container with pesticide only. **DO NOT** use this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the person refilling. To clean container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10% full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures allowed by State and local authorities.]

CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

NOTICE: Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened and the purchase price will be refunded.

The Directions for Use of this product must be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather or crop conditions, presence of other materials or other influencing factors in the use of this product, which are beyond the control of ROTAM LIMITED, or Seller. The Buyer and User shall assume all such risks, and Buyer and User agree to hold ROTAM LIMITED and Seller harmless for any claims relating to such factors.

To the extent consistent with applicable law, ROTAM LIMITED 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, subject to the inherent risks referred to above, when used in accordance with directions under normal use conditions. This warranty does not extend to the use of the product contrary to proper instructions, or under abnormal conditions or under conditions not reasonably foreseeable to or beyond the control of Seller or ROTAM LIMITED, and Buyer and User assume the risk of any such use. **TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, ROTAM LIMITED MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR NEITHER A PARTICULAR PURPOSE NOR ANY OTHER EXPENSES OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.**

To the extent consistent with applicable law, ROTAM LIMITED or Seller shall not be liable for any incidental, consequential or special damages resulting from the use or handling of this product. **TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF ROT AM LTD AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF ROTAM LIMITED OR SELLER, THE REPLACEMENT OF THE PRODUCT.**

ROTAM LIMITED and Seller offer this product, and Buyer and User accept it, subject to the foregoing conditions of sales and limitations of warranty and of liability, which may not be modified except by written agreement signed by a duly authorized representative of ROTAM LIMITED.