UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

March 30, 2021

Jon Davidson
President
DNW Global LLC
PO Box 2312
Windermere, FL 34786

Subject: Label Amendment – Modifications to label per current copper RED
Product Name: REXCU-S
EPA Registration Number: 92686-1
Application Date: February 25, 2019
Decision Number: 561650

Dear Mr. Davidson:

The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable. This approval does not affect any conditions that were previously imposed on this registration. You continue to be subject to existing conditions on your registration and any deadlines connected with them.

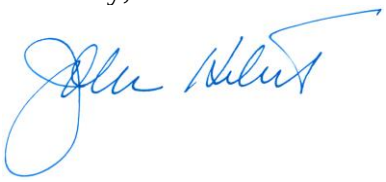
A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 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.

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.

Your release for shipment of the product 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. If you have any questions, please contact Tara Flint via email at flint.tara@epa.gov.

Sincerely,



John Hebert, Chief
Regulatory Management Branch 1
Antimicrobials Division (7510P)
Office of Pesticide Programs

Enclosure

13/04/2020

LIMITED WARRANTY AND LIMITATIONS OF REMEDIES

To the extent consistent with applicable law, seller warrants that the product conforms to the chemical description and is reasonably fit for the purpose stated on the label for use under normal conditions, but makes no other warranties of FITNESS OR MERCHANTABILITY, expressed or implied, or any other warranty if the product is used contrary to the label instructions, or under abnormal conditions or under conditions nor foreseeable to the seller. To the extent consistent with applicable law, in no case shall the seller be liable for more than he cost of this product to the buyer, and will in no event be liable for any consequential, special or indirect damages connected with the use or handling of this product. To the extent consistent with applicable law, this product is offered and buyer or user accepts it subject to the foregoing terms that may not be varied.

EPA Reg. No. 92686-1
EPA Est. No. 7870-MN-001

NSF/ANSI Std 60

COPPER	GROUP	NOT CLASSIFIED	HERBICIDE

REXCU-S

Algicide/Bactericide

ACCEPTED
03/30/2021
Under the Federal Insecticide, Fungicide and Rodenticide Act as amended, for the pesticide registered under
EPA Reg. No. 92686-1

DANGER/PELIGRO

KEEP OUT OF REACH OF CHILDREN (KOROC)

SI USTED NO ENTIENDE LA ETIQUETA, BUSQUE A ALGUIEN PARA QUE SE LA EXPLIQUE A USTED EN DTALLE. (IF YOU DO NOT UNDERSTAND THIS LABEL, FIND SOMEONE TO EXPLAIN IT TO YOU IN DETAIL.)

Non-flammable/ DO NOT FREEZE

ACTIVE INGREDIENT	
*Copper Sulfate Pentahydrate (CAS-7758-99-8)	19.8%
OTHER INGREDIENTS	80.2%
TOTAL	100.0%

*5% Metallic Copper Equivalent

Distributed by:
DNW Global, LLC
P.O. Box 2312
Windermere, Florida 34786
Phone: 844-245-7234

For Emergency Assistance Call
CHEM-TEL, INC (800-255-3924)

Storage and Disposal

Prohibitions: Do not contaminate water, food or feed by storage or disposal
Pesticide Storage: Store in a safe place away from PETS AND KEEP OUT OF REACH OF CHILDREN. Store above 40°F. REXCU-S will freeze. Always keep container closed. Store REXCU-S in its original container only. Bulk REXCU-S shall be stored and handled in stainless steel, fiberglass, polypropylenes, PVCs or plastic equipment. Keep away from galvanized pipe and any nylon storage or handling equipment.
Pesticide Disposal: Excess REXCU-S must be disposed of through use. Do not contaminate lakes, rivers, or streams as this may cause fish kill. Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate 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 Hazardous Waste representative at the nearest EPA Regional Office for guidance.
In the event of a spill, neutralize with limestone or baking powder before disposal. May deteriorate concrete.
Container Disposal: Non-refillable container. Do not re-use or refill empty container. Offer for recycling, if available, or dispose of containers in a sanitary landfill or by incineration. If burned, stay out of smoke.

Manufactured By: Hawkins, Water Treatment Div., 3100 East Hennepin Ave, Minneapolis, MN 55413

GENERAL INFORMATION

REXCU-S™ is used for the suppression of bacterial odors and toxic gases in standing /moving bodies of water containing organic matter of algae/bacteria. REXCU-S™ controls algae/bacteria in pools, spas and hot tubs, irrigation reservoirs, ponds, flooded rice fields, aquaculture and biological fish systems, and potable water sources. Used as directed REXCU-S™ extends shelf life of fruits and vegetables.

PRECAUTIONARY STATEMENTS
Hazards to Humans and Domestic Animals
DANGER

Corros ve. * Causes irreversible eye damage. May be fatal if inhaled. Harmful if swallowed or absorbed through skin. Do not get in eyes, on skin or onclothing. Do not breathe vapor or spray mist Wear a NIOSH approved respirator with an organic vapor (OV) cartridge with a combination of R or P filter with NIOSH approval number prefix TC-84A; or a NIOSH approved gas mask with a can ster with NIOSH approval number prefix TC–14G; or a NIOSH approved powered air purifying respirator with organic vapor (OV) cartridge and combination HE filters with NIOSH approval number prefix TC-23C. Wear protective eye-wear such as goggles, face shield, or safety glasses. Wear long-sleeved shirt and long pants, socks, and chemical resistant gloves. 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.

FIRST AID

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 eyes; Call a poison control center or doctor for treatment advice.
If Inhaled:	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.
If on Skin or Clothing:	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 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 a poison control center or doctor; Do not give anything by mouth to an unconscious person

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage. Note to PM/CRM/Registrant: The following statements are suggested types of information that may be included, if applicable:

- technical information on symptomatology;
- use of supportive treatments to maintain life functions; medicine that will counteract the specific physiological effects of the pesticide; company telephone number to specific medical personnel who can provide specialized medical advice.

GENERAL FIRST AIDE INFORMATION: Have the product container or label with you when calling a poison contro center or doctor or going for treatment. For non-emergency and general information on product use, etc., information pertaining to this product, call the National Pesticides Information Center at 1-800-858-7378 (NPIC web site: www.npic.orst.edu). For emergencies, call the poison control center 1-800-222-1222.

13/04/2020

PERSONAL PROTECTIVE EQUIPMENT (PPE): Mixers, loaders, applicators, and other handlers must wear:

Long-sleeved shirts
Respirator
Long pants
Chemical-resistant gloves EN ISO 374-1 Type C made of any waterproof material.
Protective Eyewear
Shoes plus socks

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

APPLICATION AND HANDLING EQUIPMENT

Application, handling or storage equipment MUST consist of fiberglass, PVCs, polypropylenes, Viton, most plastics, aluminum or stainless steel. Never use mild steel, nylon, brass or copper around full strength REXCU-S™. Always rinse equipment free and clean of REXCU-S™ each night with plenty of fresh, clean water. Always store REXCU-S™ above 32°F. Freezing may cause product separation. Seller makes no warranty for the performance of product that has been frozen. Spray entire area being treated or mix thoroughly until completely dispersed with the sewage.

ENVIRONMENTAL HAZARDS:

Fish and Aquatic Organisms: This product can be toxic to fish and other aquatic organisms if used contrary to labeled instructions. Improper application of REXCU-S™ to water may cause a significant reduction in populations of aquatic invertebrates, plants and fish. Unlike most organic pesticides, copper is an element and will not break down in the environment and will therefore accumulate with repeated applications. Copper is a micronutrient, but its pesticide application rate exceeds the amount of copper needed as a nutrient. Do not treat more than one-half of a lake or standing body of water at one time in order to avoid depletion of oxygen from decaying vegetation. Allow 1 to 2 weeks between treatments for oxygen levels to recover. Trout and other species of fish may be killed at application rates recommended on this label, especially in soft or acidic waters. Do not contaminate water when disposing of equipment wash waters. (See Disposal Instructions.) Consult your local State Fish and Game Agency before applying this product to public waters. Permits may be required before treating such waters.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Do not apply REXCU-S™ 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. Permits for the use of this product in public water may be required. Check with appropriate authorities. In regions where ponds freeze in winter, treatment should be done 6 to 8 weeks prior to expected freeze time to prevent accumulation of decaying algae under an ice cover.

GENERAL BACTERIAL ODOR CONTROL: Apply up to 1 gallon REXCU-S™ per 60,000 gallons (8,000 cubic feet) of organic matter (sewage). Application rates may vary depending on amounts of sewage in holding areas. Apply by pouring REXCU-S™ directly from the container into the holding area. Several application points speed up dispersal. For faster results disperse REXCU-S™ evenly throughout sewage. Bacterial odor should be noticeably reduced in 1-2 weeks. Repeat application as necessary.

GENERAL ALGAE/BACTERIA CONTROL IN CONTAINED WATER, LAKES, PONDS, LIVESTOCK WATERING SYSTEMS, RESERVOIRS, IRRIGATION CANALS OR SWIMMING POOLS : Apply REXCU-S™ through metering pump, subsurface hoses or from a properly equipped moving boat into standing bodies of water and canals. REXCU-S™ should be poured directly from the container. When applying from boat, use minimal speed to allow prop wash to assist in the dispersal and mixture of the product into the treated waters. Dispense up to 5.5 gallons per acre-foot of water. (See recommended use rate chart below)[1]. Apply in late spring and early summer when algae/bacteria first appear. In temperate climates not subject to freezing apply whenever conditions warrant. For best results, disperse REXCU-S™ evenly to warm still water on a sunny day when algae are near the surface. Several application points speed up dispersal. Several treatments may be required. Use rates will vary depending on algae/bacteria species, water hardness, water temperature, and total contamination burden present; as well as whether the water is clear, turbid, flowing or static. Preferably, the water should be clear with temperatures above 60°F (15°C). Higher dosages are required at lower water temperatures, higher algae/bacteria concentrations, and for hard water. Static water requires less REXCU-S™ for algae/bacteria control than does flowing water. Use higher dosages for chara, nitella, and filamentous algae (pond scum), and lower dosages for planktonic algae. Total water burden (contamination) should be determined via lab analysis for accurate dosing. If there remains any uncertainty after lab analysis, begin with a lower dose and increase until control is achieved or until the maximum allowable final concentration has been reached. **Before draining a treated pool, spa, hot tub, or fountain contact your local sanitary sewer and storm drain authorities and follow their discharge instructions. Do not discharge treated pool or spa water to any location that flows to a gutter, storm drain, or natural water body unless discharge is allowed by state and local authorities.** Do not treat more than half of the water body and wait at least 14 days between treatments to avoid depletion of oxygen due to decaying vegetation (excluding water infrastructure and constructed conveyances such as drainage and irrigation canals, ditches and pipelines or intakes and aqueducts for drinking water or irrigation use). Begin treatment along the shore and proceed outward in bands to allow fish to move into untreated areas. Consult with the state or local agency with primary responsibility for regulating pesticides before applying to public waters to determine if a permit is required. Application of algaecides to high density blooms of cyanobacteria can result in the release of intracellular contents into the water. Some of these intracellular compounds are known mammalian hepato-and nervous system toxins. Therefore, to minimize the risk of toxin leakage, manage cyanobacteria effectively in order to avoid applying this product when blooms of toxin-producing cyanobacteria are present at high density. In situations where rapidly reproducing toxic algal species pose a public health threat to drinking or recreational water resources, applicators must receive authorization from applicable state, local or tribal water resources authorities to apply copper at intervals shorter than 14 days should the circumstance demand. Certain water conditions including low pH (≤6.5), low dissolved organic carbon (DOC) levels (3.0 mg/L or lower) and "soft" waters (i.e. alkalinity less than 50 mg/L) increases the potential acute toxicity to non-target aquatic organisms. The application rates on this label are appropriate for water with pH values > 6.5, DOC levels >3.0 mg/L, and alkalinity greater than 50 mg/L. Avoid treating waters with pH values <6.5, DOC levels >3.0, and alkalinity less than 50 ppm (e.g., soft or acid waters), as trout and other sensitive species of fish may be killed under such conditions if present. Consult your state department of natural resources or fish and game agency before applying this product to public waters. Permits may be required before treating such waters."

Pre-Application Dose Determination: For algae and aquatic plant treatments, applicators should conduct initial dose determination tests simulating a full scale treatment program to determine the minimum efficacious concentrations for eliminating the target species, unless an effective dose is already known for the given target pest population. Maximum annual application rate of 21.9 lbs. of metallic copper per acre-foot (8 applications per year at up to 1 ppm). This rate/frequency is calculated based on staggering the treatment of each half of the water body every 14 days (at a rate of 2.74 lbs. metallic copper per acre-foot= 1 ppm) for eight months (244 days). In situations where rapidly reproducing toxic algal species pose a public health threat to drinking or recreational water resources, applicators must receive authorization from applicable state, local or tribal water resources authorities to apply copper in excess of 21.9 lbs. of metallic copper per acre-foot (8 applications per year at up to 1 ppm). **The maximum annual application rate must be no greater than 5.48 lbs. of metallic copper per acre-foot per year for algae control in water-seeded rice.**

EXTENSION OF SHELF LIFE OF FRUITS AND VEGETABLES : Add 1 Gallon REXCU-S™ to 60.000 gallons of water (1.0 ppm metallic copper) and mix thoroughly. Wash fruit or vegetables in solution by immersion, spraying, soaking or other similar method. Drain solution from fruit or vegetables. Fruits and vegetables must remain refrigerated to ensure effectiveness. (Note: Smaller quantity is roughly one 30 microliter drop to one gallon of water for a mixture @ 1 ppm)

DIRECTIONS FOR USE (cont'd)

RESISTANCE MANAGEMENT: HERBICIDE - For resistance management, REXCU-S® is a Group NOT CLASSIFIED herbicide. Any weed population may contain or develop plants naturally resistant to REXCU-S® and other Group NOT CLASSIFIED herbicides. The resistant biotypes may dominate the weed population if these herbicides are used repeatedly in the same field. Appropriate resistance-management strategies should be followed. For further information or to report suspected resistance, contact Jon Davidson at 844.245.7234. **BACTERICIDE** - For resistance management, REXCU-S® contains a Group NOT CLASSIFIED fungicide/bactericide. Any fungal/bacterial population may contain individuals naturally resistant to REXCU-S®. A gradual or total loss of pest control may occur over time if these fungicides/bactericides are used repeatedly in the same fields. Appropriate resistance-management strategies should be followed. Monitor treated fungal/bacterial populations for resistance development.

Calculating the acre-feet of water:
Calculate the surface area in square feet;
Multiply by the average depth
Divide by 43,560 (sq./ft in ac)

1 AC FT = WATER MEASURING 208.7' X 208.7' WIDE X 1' DEEP
1 ac ft of water = 143,560 cu ft = 325,851.6 gal

RECOMMENDED USE PPM

Pools, spas & hot tubs	.05 – 1.00 ppm	Irrigation sys (open)	.03 – 1.00 ppm
Produce wash	.03 – 1.00 ppm	Irrigation sys (closed)	.03 – 1.00 ppm

Product Gal/AC FT	PPM metallic Cu Equal
0.33	0.06
0.50	0.09
3.30	0.60
5.5	1.00

For pools, spas, hot tubs, fountains or other small contained bodies of water:
Apply year round and repeat as necessary
Calculate the volume of water being treated (e.g., 16,000 gal pool)
Apply REXCU-S® not to exceed 1.3ppm residual copper
((In this example a 16,000 gal pool would require 18 ounces of REXCU-S to reach the 1ppm concentration))

(Note: NSF/ANSI Standard 60 for potable water requires residual copper concentration not to exceed 1.3 ppm)