



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

May 10, 2018

Jon Davidson
President-DNW Global, LLC
DNW Global, LLC
P.O. Box 2312
Windermere, FL 34786

Subject: Notification per PRN 98-10 – Add NSF Logo and other minor changes
Product Name: REXCU-S
EPA Registration Number: 92686-1
Application Date: April 10, 2018
Decision Number: 540801

Dear Mr. Davidson:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 for the above referenced product. The Antimicrobials Division (AD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action requested falls within the scope of PRN 98-10.

The label submitted with the application has been stamped “Notification” and will be placed in our records.

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.

If you have any questions, you may contact Joe Daniels at (703) 347-8669 or via email at daniels.joseph@epa.gov.

Sincerely,

A handwritten signature in blue ink that reads "E. Miederhoff".

Eric Miederhoff
Product Manager 31
Regulatory Management Branch I
Antimicrobials Division (7510P)
Office of Pesticide Programs

**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 the 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. 92686



04/10/2018

NOTIFICATION

92686-1

The applicant has certified that no changes, other than those reported to the Agency have been made to the labeling. The Agency acknowledges this notification by letter dated:

05/10/2018

REXCU-S

Algicide/Bactericide

DANGER/PELIGRO

KEEP OUT OF REACH OF CHILDREN (KOROC)

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

SEE BACK LABEL FOR ADDITIONAL
PRECAUTIONARY STATEMENTS.

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: 844-245-7734

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., 4601 S. Delaware Dr., Muncie IN 47302

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

Corrosive. * Causes irreversible eye damage. May be fatal if inhaled. Harmful if swallowed or absorbed through skin. Do not get in eyes, on skin or on clothing. 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 canister 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

<u>If in Eyes:</u>	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.
<u>If Inhaled:</u>	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.
<u>If on Skin or Clothing:</u>	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.
<u>If Swallowed:</u>	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 control 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.

PERSONAL PROTECTIVE EQUIPMENT (PPE):

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

- Long-sleeved shirts
- Respirator
- Long pants
- Chemical-resistant gloves made of any waterproof material. Chemical resistance category A.
- 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. 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.

USER SAFETY RECOMMENDATIONS

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

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). 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.

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 30ml drop to one gallon of water for a mixture @ 1ppm)

Calculate the Acre-Feet of water in body of water to be treated by calculating the surface area in square feet. Then divide by 43,560 (sq. ft./acre). Then multiply by the average depth in feet.

1 Acre Foot of water=water measuring 208.7' x 208.7' wide x 1' deep

1 Acre Foot of water=143,560 cubic feet=325,851.6 gallons

1 cubic Foot of water=62.4 pounds

1 Acre Foot of water=43,560x62.4=2,720,000 pounds

Note: 1 C.F.S./Hr. = 27,000 gallons
1 Acre foot = 326,000 gallons

USE RATES

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

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

RECOMMENDED USE PPM

Pools, spas & hot tubs	0.5 – 1.00PPM
Produce wash	0.03 – 1.00PPM
Irrigation sys (open)	0.03 – 1.00PPM
Irrigation sys (closed)	0.03 – 1.00PPM
Algae control rice/wild rice fields	0.03 – 1.00PPM