

88779-1

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U.S. ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Antimicrobials Division (7510P)  
1200 Pennsylvania Avenue NW  
Washington, D.C. 20460

EPA Reg. Number:

88779-1

Date of Issuance:

AUG 05 2013

Term of Issuance:

**Unconditional**

Name of Pesticide Product:

Cu Fusion

CSP

**NOTICE OF PESTICIDE:**

Registration  
 Reregistration  
(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Cu Fusion Co., Inc.  
29 West 56th Street  
New York, NY 10019

**Note:** Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Antimicrobials 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.

The application referred to above, submitted under the Federal Insecticide, Fungicide and Rodenticide Act, as amended is acceptable under FIFRA sec. 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.
2. A one year study is required to satisfy the storage and stability and corrosion characteristics requirements (Guidelines 830.6317 and 830.6320). You have 18 months from the date of registration to provide these data.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. The next label printing of this product must use this labeling unless subsequent changes have been approved. You must submit one (1) 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 it's implementing regulation at 40 CFR 152.3.

Signature of Approving Official:

Marshall Swindell  
Product Manager Team 33  
Regulatory Management Branch I  
Antimicrobials Division (7510P)

Date:

AUG 05 2013

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**CU FUSION CSP  
End-Use Product**

**ACTIVE INGREDIENT:**

COPPER SULFATE PENTAHYDRATE* (CAS No. 7758-99-8).....	99.0%
OTHER INGREDIENTS.....	1.0%
TOTAL .....	100.0%

\*Metallic copper equivalent is 25.2%

For preservation of synthetic and natural fibers and textiles, [plastics, wool, leather]

**KEEP OUT OF REACH OF CHILDREN**

**DANGER – PELIGRO**

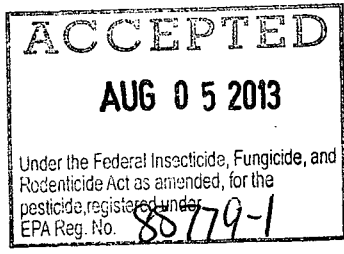
Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail)

**STOP - READ LABEL BEFORE USE**

*See side/back panels for additional precautionary statements.*

EPA Reg. No. 88779-R  
Cu Fusion Co. Inc.  
29 West 56<sup>th</sup> Street  
New York, NY 10019

EPA Est. No. 46923-NJ-1  
NET CONTENTS



**FIRST AID**

<b>If in Eyes:</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for further treatment advice.</li> </ul>
<b>If Swallowed:</b>	<ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice.</li> <li>• Have a person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to do so by the poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
<b>If Inhaled:</b>	<ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth to mouth if possible.</li> <li>• Call a poison control center or doctor for further treatment advice.</li> </ul>
<b>If on Skin or Clothing:</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>

**HOT LINE 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 1-800-222-1222 (American Association of Poison Control Centers) any time day or night for emergency medical treatment information.

**Note to Physician:** Probable mucosal damage may contraindicate the use of gastric lavage.

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

**DANGER, CORROSIVE:** Causes irreversible eye damage and causes irritation to the skin and mucous membranes. May be fatal if swallowed. Do not get in eyes, skin, or clothing. Wear protective eyewear such as safety glasses, goggles, or face shield and chemical resistant gloves.

**PERSONAL PROTECTIVE EQUIPMENT:** Mixers, loaders, applicators, and other handlers must wear the following: long sleeved shirt, long pants, shoes plus socks. Do not breathe dust or spray mist. 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.

Some materials that are chemical resistant to this product are polyethylene, polyvinyl chloride, barrier-laminate, and butyl, nitrile, neoprene or natural rubber. If you want more options, follow the instructions for category A on an EPA chemical resistance category selection chart.

**USER SAFETY REQUIREMENTS:** Follow manufacturer's instruction 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.

**ACCEPTED**  
**AUG 05 2013**

Under the Federal Insecticide, Fungicide, and  
 Rodenticide Act as amended, for the  
 pesticide registered under  
 EPA Reg. No. 88779-1

**ACCEPTED**

**AUG 05 2013**

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide, registered under PA Reg. No. 88779-1

### USER SAFETY RECOMMENDATIONS

- Users should wash hands before eating, drinking, chewing gum, using tobacco, or using toilet
- Users should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Users should remove PPE immediately after handling this product. 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. For terrestrial uses, do not apply directly to water. Do not contaminate when disposing of equipment wash waters or rinsate. 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. Do not contaminate water when disposing of equipment wash waters or rinsate.

### 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 protected 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 registration.

#### Introduction

Polyacrylonitrile (PAN) fiber is treated with copper sulfate pentahydrate (CSP). This treated fiber is then incorporated into articles that may also contain other natural and/or synthetic fibers and textiles. The final commercial products containing this treated fiber are preserved by CSP inhibiting the growth of bacteria, mold, mildew, and fungi that would otherwise cause odor, discoloration, or deterioration of untreated products.

**Manufacturers of products incorporating this technology may not make any public health claims to control human health-related microorganisms without separately registering such products with the EPA.**

#### Procedure

The CSP product is diluted with water to a concentration of up to 3% by weight at the fiber production facility. The PAN fiber is dipped into this solution. The PAN fiber can be of various diameters (for example, filament, thread, or yarn) depending upon the final finished article use. The wet Cu Fusion fiber is then dried at 100°C for 120 minutes and packaged appropriately.

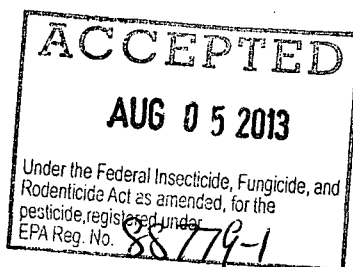
After drying, the treated Cu Fusion fiber article is immediately incorporated into various commercial products at the same facility or stored for future use or shipment to other production

facilities. This treated article may be woven or spun with synthetic and/or natural fibers to produce cloth or yarn that may be cut, shaped or otherwise processed into various commercial products (See Recommended Uses below).

**Recommended Uses**

Cu Fusion copper sulfate pentahydrate is used in the production of a treated polyacrylonitrile thread that is incorporated into fibers and textiles made from synthetic and/or natural substances. These substances include, but are not limited to, polyacrylonitrile, polyester, nylon, polypropylene, modacrylic, acrylic, rayon, cotton, linen, wool, and silk. The treated fibers and textiles may then be used in the following products:

- Apparel. These include, but are not limited to, outerwear, formal wear, casual wear, sportswear, sleep wear, trim for outerwear and garments, uniforms, stockings, socks, hosiery, caps, hats, helmets, undergarments, shoes, gloves, and aprons;
- Commercial or industrial textile products. These include, but are not limited to, bags, sacks, wraps, commercial and industrial wipes, uniforms, coats, transportation seating, public seating, and cinema seating;
- Household textile products. These include, but are not limited to, napkins, tablecloths, wiping cloths, mops, shower curtains, towels, sheets, blankets, mattress cover pads and filling, pillow covers, fiberfill for quilts and pillows, seat cushion pads and filling, curtains and draperies, carpet and carpet underlay, rugs, upholstery fabrics, wall-covering fabrics, book covers, needlework yarns and fabrics;
- Outdoor textiles, other than articles made for long-term immersion in water. These include, but are not limited to, outdoor furniture upholstery, umbrellas, sails, sleeping bags, tents, tarps, and awnings;
- Automotive textile products. These include, but are not limited to, automobile and truck upholstery and carpeting, boat covers, auto covers, motorcycle covers, and RV covers.



## STORAGE AND DISPOSAL

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

**Pesticide Storage:** Store product in original container [bag] in a cool and dry place. Keep product dry as product is water soluble. If paper bag is damaged, place in a plastic bag. Spilled powdered product must be swept up, used if clean, or disposed of by placing into plastic bag and sealing with tape. Store pesticides separately to prevent cross-contamination of other pesticides, food, and feed.

**Pesticide Disposal:** Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, solution, 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 the Hazardous Waste representative at the nearest EPA regional office for guidance

**Container Disposal:** Non-refillable [rigid] container [or bag]. Do not reuse this container to hold materials other than pesticides or dilute pesticides (rinsate). After emptying and cleaning, it may be allowable to temporarily hold rinsate or other pesticide-related materials in the container. Contact your state regulatory agency to determine allowable practices in your state.

Completely empty container or bag into **process** equipment by shaking and tapping sides and bottom to loosen clinging particles. For rigid containers, triple rinse container promptly after emptying. Then offer for recycling if available [or reconditioning if appropriate] or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

**NOTICE:** Seller warrants that the product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with directions under normal conditions of use. This warranty does not extend to the use of this product contrary to label instructions or under abnormal conditions, or under conditions not reasonably foreseeable to Seller, and Buyer assumes the risk of any such use. THIS WARRANTY IS THE SOLE AND EXCLUSIVE WARRANTY GIVEN BY SELLER. THERE ARE NO OTHER WARRANTIES, EXPRESS OR IMPLIED, WHICH EXTEND BEYOND THE FACE OF THIS WARRANTY. ANY AND ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY AND/OR FITNESS FOR ANY PARTICULAR PURPOSE, ARE HEREBY EXPRESSLY DISCLAIMED.

