



U.S. ENVIRONMENTAL PROTECTION AGENCY

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

EPA Reg. Number:

45385-103

Date of Issuance:

12/10/2020

NOTICE OF PESTICIDE:

Registration
 Reregistration
(under FIFRA, as amended)

Term of Issuance:

Unconditional

Name of Pesticide Product:

CENOL SILICON DIOXIDE

Name and Address of Registrant (include ZIP Code):

CTX-Cenol, Inc.
1393 E. Highland Road
Twinsburg, OH 44087

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.

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.
2. Submit one copy of the revised final printed label for the record before you release the product for shipment.

Signature of Approving Official:

Shanta Adeeb, Product Manager 10
Invertebrate-Vertebrate Branch 2
Registration Division (7505P)
Office of Pesticide Programs

Date:

12/10/2020

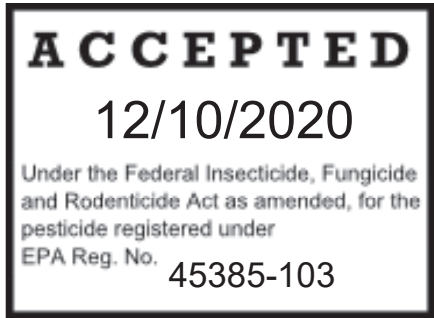
Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded 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 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. Please also note that the record for this product currently contains the following CSFs:

- Basic CSF dated 02/11/2020

If you have any questions, please contact Virna Stillwaugh by phone at 703-347-8506, or via email at Stillwaugh.Virna@epa.gov.

Enclosure



SILCON DIOXIDE	GROUP:	UNM	INSECTICIDE
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CENOL SILICON DIOXIDE

- [Controls [Kills]: Ants, Cockroaches, Firebrats, Silverfish, Spiders, Mites, Bed Bugs, Lice, Fleas, Ticks, Stored Product/Pantry/Fabric/Clothes Beetles and Moths and Drywood Termites]
- [Kills Bed Bug Adults and Nymphs]
- [Kills Bed Bug Nymphs Hatched from Dusted Eggs]
- [Kills Pyrethroid-Resistant Bed Bugs]
- [Provides Fast Control]
- [Lasts Up to Ten Years When Undisturbed]
- [Odorless]
- [Non-Staining]

ACTIVE INGREDIENT:
 Silicon Dioxide as Amorphous Silica 98.79%
OTHER INGREDIENTS: 1.21%
 100.00%

EPA REG. NO. 45385-103

EPA EST. NO.

KEEP OUT OF REACH OF CHILDREN
CAUTION
 See Side/Back Panels for Additional Precautions

NET Wt: ___ lbs or oz

PRECAUTIONARY STATEMENTS
Hazards To Humans & Domestic Animals

CAUTION

Causes moderate eye irritation. Avoid contact with eyes or clothing. Use adequate ventilation and avoid breathing dust. 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.

Personal Protective Equipment (PPE):

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

- a long sleeved shirt and long pants
- socks and shoes
- during prolonged exposure, a minimum of a NIOSH-approved particulate filtering facepiece respirator with any N, R or P filter; or a NIOSH-approved elastomeric particulate respirator with any N, R, or P filter; or a NIOSH-approved powered air-purifying respirator with an HE filter.

FIRST AID	
If in eyes	<ul style="list-style-type: none">• Hold eye open and rinse slowly and gently with water for 15-20 minutes.• Remove contact lenses, if present, after the first five minutes, then continue rinsing eye.• Call a poison control center or doctor for treatment advice.
HOT LINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For additional information on this product (including health concerns, medical emergencies or pesticide incidents), you may call 1-800-222-1222 24 hours a day, 7 days a week or contact the National Pesticides Information Center (NPIC) at 1-800-858-7378, Monday through Friday, 8 AM to 12 PM PST, or at http://npic.orst.edu .	

DIRECTIONS FOR USE

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

Resistance Management:

For resistance management, Cenol Silicon Dioxide contains a Group UNM insecticide. Any insect population may contain individuals naturally resistant to this product and other Group UNM insecticides. The resistant individuals may dominate the insect population if this group of insecticides are used repeatedly in the same areas. Appropriate resistance-management strategies should be followed.

To delay insecticide resistance, take the following steps: 1) Rotate the use of Cenol Silicon Dioxide or other Group UNM insecticides with different groups that control the same pests. 2) Adopt an integrated pest management program for insecticide use that includes scouting, uses historical information related to pesticide use, record-keeping, and which considers cultural, biological and other chemical control practices. 3) Monitor after application for unexpected target pest survival. If the level of survival suggests the presence of resistance, consult with your local university specialist or certified pest control advisor. 4) Contact your local extension specialist for any additional pesticide resistance-management and/or IPM recommendations for the specific site and pest problems in your area. 5) For further information or to report suspected resistance, contact CTX-Cenol, Inc. at 1-800-321-3421

Use Sites: In and around residences; commercial, industrial, institutional, municipal & agricultural buildings including food handling and processing establishments, research facilities, daycare, schools, recreational sites, office buildings, hotels, motels, garages, transport vehicles, warehouses, theaters and other manmade structures.

Cenol Silicon Dioxide [This product] is a desiccant dust that has no odor and will not stain. When pests contact Cenol Silicon Dioxide [this product] it clings to their exoskeleton and absorbs the waxy coating, causing death from dehydration.

Application Directions: Using a hand-held electric dust applicator, bulb duster, puffer bottle or other dust application equipment, apply at a rate of 2 oz. per 100 sq. ft. In attics and crawlspaces, apply at a rate of 1 lb. per 1000 sq. ft. Use a paint brush to push dust into cracks and crevices and into tufts and folds of mattresses and cushions. A power duster may be used only as a crack and crevice treatment, void applications and treatments to attics and crawlspaces. This product may also be applied as a liquid spray, foam or paint on application. Combine 1 lb. of product with 1 gallon of clean water. Apply 1 quart of solution per 250 sq. ft. This product does not dissolve in water and will be left behind and visible after the water evaporates. For injection treatments, add the appropriate amount of foaming agent to the water solution and inject directly into galleries and voids.

For best results:

1. In attics, be sure to get dust near the eaves and vent pipes where insects often first enter, as well as around any pipes or potential access points between the attic and the main structure.
2. When treating cabinetry areas, if there is no gap between the lower cabinets and the kickplate, then small holes can be drilled to access the voids. Escutcheon plates around pipes can also be pulled back to allow access to voids.
3. The bottom drawers in kitchen and bathroom cabinets can be removed and dust applied into drawer wells.
4. Electrical switch plate covers can be removed to allow access to wall voids, but dust should not be applied directly in electrical boxes.
5. If there are cracks between baseboards, cabinets, doorframes, hinges, counters or trim and walls, lightly dust these cracks. If practical, these areas can be sealed once insect problems have been eliminated to help prevent re-infestation.
6. Insects need moisture so kitchen and bath areas and areas immediately surrounding them and any other damp areas should be carefully inspected and treated.

Ants, Cockroaches, Firebrats, Silverfish, Spiders & Mites: Treat attics, crawl spaces, trash closets, utility closets, behind baseboards, around the perimeter of dropped ceilings, in hollow furniture legs; under and behind bedding, appliances and vending machines; in wall voids and voids under and behind cabinets, sinks and tubs; in drawer wells, garbage chutes, pipe chases, weep holes in brick or siding, elevator pits, around drains, around electrical conduits and in cracks and crevices where insects may harbor. Focus application in areas where insects or their signs are seen.

Fleas, Lice & Ticks: Treat kennels, pet bedding and rest areas, floor and floor coverings, cracks behind molding and baseboards and other areas where pests may harbor.

Bed Bugs: Remove bedding and take the bed apart. Treat the interior framework, joints and cracks in the bed frame. Treat the mattress and box spring, paying particular attention to tufts, folds and edges, and the interior framework of the box spring. Remove wall-mounted head boards and treat the back side. Treat picture frames, moldings, hollow furniture legs, cracks and crevices, along baseboards and any areas with visible signs of infestation, including rugs and

carpet. Treat upholstered furniture by removing or lifting (if possible) the cushions and treating the undersurface. Treat the interior framework, cracks and joints of the furniture, and the folds, tufts and edges of cushions and other upholstered areas. Treat wall voids by removing electrical switch plate covers to allow access, but do not apply dust directly in electrical boxes. Apply about 0.25 oz. of dust to each accessible void.

Beetles and Moths – Stored Products (Pantry & Fabric/Clothes): Treat cracks, crevices and along the edges of cupboards, closets, pantries, shelving units and storage. Treat voids beneath drawer units by removing the lower drawers and treating the well. Treat the voids beneath shelving units or cabinets by removing the kickplate or drilling small access holes in the kickplate. Treat under rugs and along the edges of carpets and baseboards and other infested areas to control carpet beetles.

Drywood Termite Treatment: For existing infestations of drywood termites, use a drill or probe to locate and access galleries. Inject product directly into galleries using an electric or pneumatic duster which produces a pressure of at least 30 psi and no more than 175 psi to force dust throughout galleries. Any holes left in framing covering must be closed and sealed.

Drywood Termite Prevention: Apply at a rate of 1 lb. per 1000 sq. ft. in attics and crawl spaces so that the product coats wood members. Drill periodic access holes into wall and ceiling voids and inject the dust at a rate of 1 lb. per 1000 sq. ft. of surface area. Insure sufficient holes are drilled to cover interior framing in voids. The working pressure range of electric or pneumatic duster should be from 30 to 175 psi and the air supply should be dried if the relative humidity is higher than 50%.

In Food Processing and Handling Establishments, Including Federally-Inspected Meat and Poultry Plants: In food areas, only apply dust into cracks, crevices and other inaccessible areas. Avoid contamination of food and feedstuffs. Avoid introducing the product into the air. Any dust that is left visible after treatment should be removed and the exposed surface washed. Food areas include: processing areas, including enclosed systems such as syrup and oil plants, dairies and mills; packing areas, including bottling, canning, wrapping and boxing; receiving areas; storage areas, including edible waste storage; and serving areas, such as dining rooms. In these areas, dust sparingly into cracks and crevices, along baseboards and between construction elements.

USE RESTRICTIONS:

Food Handling Establishments - This product may only be applied as a crack and crevice treatment in edible product areas of food handling establishments, restaurants or other areas where food is commercially prepared or processed, or in serving areas when food is exposed. Never apply powder directly to a surface where food is stored, prepared or served. Do not apply in serving areas when the facility is in operation or when food is exposed. Do not treat surfaces likely to be contacted by food.

Any product remaining outside of cracks and crevices must be cleaned up and removed. When applying to cabinet drawer wells, no dust should be left exposed when drawers are replaced. Do not treat toys and stuffed animals with this product.

STORAGE AND DISPOSAL

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

Pesticide Storage: Store in a cool, dry area inaccessible to children and pets.

Pesticide Disposal: As a responsible environmental practice, where possible, it is recommended that all of the contents of the container be used, carefully following label directions and precautions.

Container Handling: Non-refillable container. Do not reuse or refill this container. If empty: Place in trash or offer for recycling if available. If partly filled: Call your local solid waste agency for disposal instructions.

IMPORTANT: READ BEFORE USE

Read the entire Directions for Use, Conditions, Disclaimer of Warranties and Limitations of Liability before using this product. If terms are not acceptable, return the unopened product container at once.

By using this product, user or buyer accepts the following conditions, disclaimer of warranties and limitations of liability.

CONDITIONS: The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of CTX-Cenol, Inc. To the extent consistent with applicable law, all such risks shall be assumed by the user or buyer.

DISCLAIMER OF WARRANTIES: TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, CTX-CENOL, INC. MAKES NO OTHER WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE, THAT EXTEND BEYOND THE STATEMENTS MADE ON THIS LABEL. No agent of CTX-Cenol, Inc. is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. To the extent consistent with applicable law, CTX-Cenol, Inc. disclaims any liability whatsoever for special, incidental or consequential damages resulting from the use or handling of this product.

LIMITATIONS OF LIABILITY: TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER FOR ANY AND ALL LOSSES, INJURIES OR DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, WHETHER IN CONTRACT, WARRANTY, TORT, NEGLIGENCE, STRICT LIABILITY OR OTHERWISE, SHALL NOT EXCEED THE PURCHASE PRICE PAID, OR AT VALENT BIOSCIENCES CORPORATION'S ELECTION, THE REPLACEMENT OF PRODUCT.

[OR

Note [Notice]: Seller warrants that this product complies with the specifications expressed in this label. To the extent consistent with applicable law, seller makes no other warranties, and disclaims all other warranties, express or implied, including but not limited to warranties of merchantability and fitness for the intended purpose. To the extent consistent with applicable law, seller's liability or default, breach or failure under this label shall be limited to the amount of the purchase price. To the extent consistent with applicable law, seller shall have no liability for consequential damages.

OR

NOTICE: To the extent consistent with applicable law, buyer assumes all risks of use, storage or handling of this product not in strict accordance with directions given herewith.]

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