

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460



United States  
Environmental Protection  
Agency

Office of Pesticide Programs

MAY 28 2013

International Specialty Products  
1361 Alps Road  
Wayne, N. J. 07470

Attention: Kaci Rosario  
Product Regulatory Specialist

**Subject: Nuosept® BMc 412**  
EPA Registration No. 1529-65  
Amendment Dated April 22, 2013

The amendment referred to above, submitted in connection with registration, under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is acceptable.

Proposed Amendment

- Revised Basic and Alternate #1 Formulations
- Revised Product Label

General Comments

The Basic and Alternate #1 Confidential Statements of Formulas dated April 26, 2013 have been found acceptable. A copy of the product chemistry review is enclosed for your records.

A stamped copy of the "accepted" product label is enclosed for your records

If you have any questions concerning this letter, please contact Martha Terry at (703) 308-6217.

Sincerely,

A handwritten signature in black ink, appearing to read "M. Swindell".

Marshall Swindell  
Product Manager (33)  
Regulatory Management Branch 1  
Antimicrobials Division (7510P)

Enclosure

# NUOSEPT® BMc 412

For industrial use only as a Preservative for Aqueous Compositions such as Polymer Emulsions and Latex Systems, Water-Based Paints and Coating Systems, Water-Based Inks and Fountain Solutions, Aqueous adhesive and Sealant Systems, Mineral Slurries and Dispersions, Building Materials, Metal Working Fluids, and Paper and Textile coatings.

1, 2-Benzisothiazolin-3-one .....	10%
5-Chloro-2-methyl-4-isothiazolin-3-one .....	0.15%
2-Methyl-4-isothiazolin-3-one .....	2.55%
INERT INGREDIENTS: .....	87.3%
TOTAL .....	100.00%

**KEEP OUT OF REACH OF CHILDREN**  
**DANGER**

## 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. Call a Poison Control Center or doctor for treatment advice.

**IF SWALLOWED:** Call a Poison Control Center or doctor immediately for treatment advice. Have 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.

**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.

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

Have the product container or label with you when calling a Poison Control Center or doctor or going for treatment.



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EPA Reg. No.: 1529-65  
EPA Est. No.: 1529-XXX-XX

NOTE: READ THE MATERIAL SAFETY DATA  
SHEET BEFORE  
USING THIS PRODUCT.

IN CASE OF TRANSPORTATION EMERGENCY  
CALL CHEMTREC 800-424-9300 (703-527-3887)

ACCEPTED  
with COMMENTS  
in EPA Letter Dated  
MAY 28 2013  
under the Federal Insecticide,  
Fungicide, and Rodenticide Act as  
amended, for the pesticide.  
Registered under EPA Reg. No.  
1529-65

Net Contents: 45LBS/20.40KG / 475 LBS/215.40 KG / 2800 LBS/1270 KG

ACCEPTED  
with COMMENTS  
in EPI letter Dated:

MAY 28 2013

under the Federal Insecticide, Fungicide, and Rodenticide Act, amended, for the pesticide, registered under EPA Reg. No.

## PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

### DANGER

**CORROSIVE:** Causes irreversible eye damage and skin irritation. Do not get in eyes, on skin, or on clothing. Harmful if swallowed or inhaled. Wear protective eyewear (goggles, face shield, or safety glasses). Wear coveralls over short-sleeved shirt and short pants, chemical-resistant footwear, 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.

### Personal Protective Equipment (PPE)

Mixers, loaders, and other handlers exposed to methylisothiazolinone products must wear: protective eyewear, long-sleeved shirt and long pants, chemical-resistant gloves, and shoes plus socks. Discard clothing or other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. 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.

### User Safety Recommendations

Users should wash hands before eating, drinking, chewing gum, or using the toilet. Users should remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Users should remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly.

### 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.**

Nuosept® BMc 412 is a liquid and may be added at any point in the production process. For best results, add it as early as possible in the manufacturing process.

Typical usage rates are 0.05 – 0.5% based on the total weight of the formulation (50 – 500 ppm of BIT, 25 – 250 ppm MIT, and 1 – 10 ppm CMIT/MIT). Nuosept® BMC 412 has been shown to be effective in the preservation of the following applications: aqueous polymer emulsions and latex systems, water based paints and coating systems, water based inks and fountain solutions, oil in water emulsions, lattices, thickeners, detergents, cleaning solutions, aqueous adhesives and sealant systems, mineral slurries and dispersions, building materials (caulks, joint compounds, grouts, concrete admixtures), metal working fluids, pesticide formulations and textile coatings.

### ENVIRONMENTAL HAZARDS

This chemical is toxic to terrestrial and aquatic plants, 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.

## STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited.

**PESTICIDE STORAGE-** Protect from frost. If frozen, allow to thaw and stir well before use.

**PESTICIDE DISPOSAL-** 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 the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

**[Note to Reviewer: The following language will be used for containers less than or equal to 50 lbs.]**

**CONTAINER DISPOSAL** – Non-refillable container. Do not reuse or refill this container. Triple 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 ¼ full with water and recap. Shake for 10 seconds. Pour the 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. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration or, if allowed by state and local authorities, by burning. If burned stay out of smoke.

**[Note to Reviewer: The following language will be used for containers greater than 50 lbs.]**

**CONTAINER DISPOSAL** – Non-refillable container. Do not reuse or refill this container. Triple rinse (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water. Replace and tighten closures. Tip container on its side and roll back and forth ensuring at least one complete revolution for 30 seconds. Stand the container on its end and tip back and forth several times. Empty the rinsate into application equipment or mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration or, if allowed by state and local authorities, by burning. If burned stay out of smoke.

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