

3876-161

9/27/2012

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D C 20460



United States  
Environmental Protection  
Agency

Office of Pesticide Programs

GE Betz, Inc  
4636 Somerton Road  
Trevose, PA 19053

SEP 27 2012

Attention Lynne M Hall  
Product Stewardship Specialist

**Subject Spectrus ND1000**  
EPA Registration No 3876-161  
Notification Dated September 10, 2012

This will acknowledge receipt of your notification submitted under the provisions of FIFRA Section 3(c)(9)

**Proposed Notification**

- To add "chemical-resistant gloves" to list of Recommended Handler Requirements

**General Comments**

Based on a review of the submitted material, the following comments apply

The Notification dated September 10, 2012 is in compliance with PR Notice 98-10 and is acceptable This information has been added to your file

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

Sincerely,

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



### SPECTRUS ND1000

For the control of algal bacterial and fungal biofilm

**ACTIVE INGREDIENTS**

5-Chloro-2-methyl-4-isothiazolin-3-one	8.2%
2-Methyl-4-isothiazolin-3-one	2.9%
<b>INERT INGREDIENTS</b>	<u>88.9%</u>
<b>TOTAL</b>	<b>100.00%</b>

CONTENTS LIQUID EMULSION

POUNDS PER GALLON 10.8 lbs/gal

EPA REGISTRATION NUMBER 3876-161

EPA ESTABLISHMENT NUMBER [XXX-XX-XXX]

**ACCEPTED**  
**with COMMENTS**  
**in EPA Letter Dated**  
**SEP 27 2012**

Under the Federal Insecticide  
 Fungicide and Rodenticide Act as  
 amended for the pesticide,  
 registered under EPA Reg No **3876-161**

### Keep Out of Reach of Children

#### DANGER PELIGRO

**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 eye  
 Call a poison control center or doctor for 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 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 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

Have the product container or label with you when calling a poison control center or doctor  
 or going for treatment

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



ACCEPTED  
with COMMENTS  
in EPA Letter 27 Docket  
2012

PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Under the Federal Insecticide  
Fungicide and Rodenticide Act as  
amended by the FIFRA Reauthorization  
Act of 2002, EPA Reg. No. 3876-161

DANGER Corrosive Causes irreversible eye damage Causes skin burn May be fatal if inhaled Harmful if swallowed or absorbed through the skin Do not get in eyes on skin or on clothing Do not breathe spray mist Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals Remove contaminated clothing and wash before reuse

Personal Protective Equipment (PPE)

Applicators and all other handlers must wear Coveralls over long-sleeved shirt and long pants Socks and chemical resistant footwear Goggles or face shield Chemical-resistant gloves such as barrier laminate butyl rubber neoprene rubber or viton Respirator with an organic vapor removing cartridge with a pre filter approved for pesticides (MSHA/NIOSH approval number prefix TC-23C) or a canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14G) or a NIOSH approved respirator with an organic vapor (OV) cartridge or canister with any R P or HE prefilter Follow manufacturer's instructions for cleaning/maintaining PPE If no such instructions for washables use detergent and hot water Keep and wash PPE separately from other laundry Discard clothing or other absorbent materials that have been drenched or heavily contaminated with this product s concentrate Do not reuse them Keep and wash PPE separately from other laundry

ENGINEERING CONTROLS

Open pouring is prohibited When handlers use closed metering systems the handler requirements may be reduced or modified to goggles chemical-resistant gloves long-sleeve shirt long pants shoes and socks

User Safety Recommendations

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

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and aquatic organisms 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



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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

ACCEPTED with COMMENTS in Letter Dated SEP 27 2012

Do not store or transport in unlined metal containers DO NOT CONTAMINATE WATER FOOD OR FEED BY STORAGE OR DISPOSAL OR CLEANING EQUIPMENT PESTICIDE STORAGE Keep container tightly closed Protect from freezing Store in a dry place Do not store at elevated temperatures

Advised Insecticide with Rodenticide Act as pesticide EPA Reg No 3870-101

PESTICIDE DISPOSAL DO NOT CONTAMINATE WATER, FOOD OR FEED BY STORAGE OR DISPOSAL OR CLEANING EQUIPMENT

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

CONTAINER DISPOSAL

For pails Nonrefillable container Do not reuse or refill this container Offer for reconditioning if available Triple rinse container (or equivalent) promptly after emptying Triple rinse as follows Empty the remaining contents into application equipment or a mix tank Fill the container 1/4 full with water Replace and tighten closures Shake the container for 10 seconds Pour rinsate into the treated system or store rinsate for later use or disposal Drain for 10 seconds after the flow begins to drip Repeat this procedure two more times

For drums Nonrefillable container Do not reuse or refill this container Offer for reconditioning if available Triple rinse container (or equivalent) promptly after emptying Triple rinse as follows Empty remaining contents into application equipment or a mix tank Fill the container 1/4 full with water Replace and tighten closures Tip container on its side and roll it back and forth ensuring at least one complete revolution for 30 seconds Stand the container on its end and tip it back and forth several times Turn the container over onto its other end and tip it back and forth several times Empty the rinsate into the treated system or store rinsate for later use or disposal Repeat this procedure two more times

CONTAINER DISPOSAL Refillable container Refill this container with pesticide only Do not reuse this container for any other purpose Cleaning the container before final disposal is the responsibility of the person disposing of the container Cleaning before refilling is the responsibility of the refiller To clean the container before final disposal empty the remaining contents from this container into application equipment or a mix tank Fill the container about 10 percent full with water Agitate vigorously or recirculate water with the pump for 2



ACCEPTED with COMMENTS in EPA Letter Dated SEP 27 2012

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Under the Federal Insecticide Fungicide and Rodenticide Act as amended for the Pesticide registered under EPA Reg No 3876-16

minutes Pour or pump rinsate into application equipment or rinsate collection system Repeat this rinsing procedure two more times

INDUSTRIAL BIOCIDES FOR USE IN RECIRCULATING WATER COOLING TOWERS AIR WASHER SYSTEMS AND INDUSTRIAL WASTEWATER TREATMENT SYSTEMS AND SEWAGE SYSTEMS

DIRECTIONS FOR USE It is a violation of Federal Law to use this product in a manner that is inconsistent with its labeling Do not apply this product in a way that will contact workers or other persons

INDUSTRIAL RECIRCULATING COOLING WATER SYSTEMS This product aids in the control of control of algal bacterial and fungal biofilm in evaporative condensers heat exchange water systems commercial and industrial cooling towers industrial water scrubbing systems and brewery pasteurizers Add this product to the tower basin distribution box or some other point to insure uniform mixing BADLY FOULED SYSTEMS must be cleaned before treatment is begun

INITIAL DOSE When the system is noticeably fouled apply this product at the rate of 20 TO 120 ppm of this product (0.2 to 1.0 pound or 2 to 12 fluid ounce) of this product per 1 000 gallons of water in the system Repeat until control is achieved SUBSEQUENT DOSE When microbial control is evident add this product at the rate of 5 TO 30 ppm of this product (0.04 to 0.25 pound or 0.5 to 3 fluid ounce) of this product per 1 000 gallons in the system weekly or as needed to maintain control

AIR WASHER SYSTEMS For use only in industrial air washing systems that maintain effective mist eliminating components To control bacteria fungi and algae which cause biofouling in industrial air washer systems add this product to the air washer sump or chill water sump to insure uniform mixing at the rate of 5 to 120 ppm of this product (0.04 to 1 pound or 0.5 to 12 fluid ounce) of this product per 1 000 gallons of water in the system depending upon the severity of contamination BADLY FOULED SYSTEMS must be cleaned before treatment is begun

INTERMITTENT OR SLUG METHOD INITIAL DOSE When the system is noticeably fouled apply this product at the rate of 20 to 120 ppm of this product (0.2 to 1.0 pound or 2 to 12 fluid ounce) of this product per 1 000 gallons of water in the system Repeat until control is achieved SUBSEQUENT DOSE When microbial control is evident add this product at the rate of 5 to 30 ppm of this product (0.04 to 0.25 pound or 0.5 to 3 fluid ounce) of this product per 1 000 gallons of water in the system weekly or as needed to maintain control

INDUSTRIAL WASTEWATER TREATMENT SYSTEMS AND SEWAGE SYSTEMS This product is recommended for the control of microbial biofilms bacteria fungi and algae in industrial wastewater treatment and sewage systems Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority

