

3876-161

04-12-2012

1/7



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

EPA Reg. Number:
3876-161

Date of Issuance:
APR 12 2012

NOTICE OF PESTICIDE:

Registration
 Reregistration

(under FIFRA, as amended)

Term of Issuance:
Conditional

Name of Pesticide Product:
Spectrus ND1000

Name and Address of Registrant (include ZIP Code):

The Dow Chemical Company
1803 Building
Midland, MI 48674

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/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.

This product is conditionally registered in accordance with FIFRA sec 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for re-registration of your product under FIFRA section 4.

2. Make the labeling changes listed below before you release the product for shipment:

a. Revise the "EPA Registration Number to read, "EPA Reg. No. 3876-161".

Signature of Approving Official:

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

Date:

APR 12 2012

Page 2
EPA Registration No. 3876-161

b. The First Aid statement must appear on the front panel of the label. You can move the precautionary statements to another panel.

c. The Storage Stability and Corrosion study must be submitted within one (1) from the date of the Notice of Registration. Refer the enclosed copies of the product chemistry and acute toxicity reviews further comments.

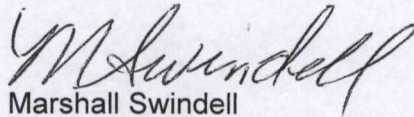
3. Submit two (2) copies of your final printed labeling before distributing or selling the product bearing the revised labeling.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

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

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 I
Antimicrobials Division (7510P)

Enclosure

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%
INERT INGREDIENTS:	88.9%
TOTAL	100.00%

CONTENTS: LIQUID EMULSION

POUNDS PER GALLON: 10.8 lbs/gal

EPA REGISTRATION NUMBER: 3876-XXX
EPA ESTABLISHMENT NUMBER: [XXX-XX-XXX]

ACCEPTED
with COMMENTS
EPA Letter Dated:
APR 12 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

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

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 used closed metering systems the handler requirements may be reduced or modified to goggles, 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.

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
EPA Letter Dated:
APR 12 2012
Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, for the pesticide,
registered under EPA Reg. No.
3876-161

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. 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 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.

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

ACCEPTED
with COMMENTS
EPA Letter Dated:

APR 12 2012

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

3876-161

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 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.

ACCEPTED
with COMMENTS
EPA Letter Dated: APR 12 2012
Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, for the pesticide,
registered under EPA Reg. No.
3876-161

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 1000 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 (.04 to 1 pound or 0.5 to 12 fluid ounce) of this product per 1000 gallons of water in the system depending upon the severity of contamination. BADLY FOULED SYSTEMS must be

