

39967-15

03/21/2001

1/6



U.S. ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Registration Division (H7505C)  
401 "M" St., S.W.  
Washington, D.C. 20460

EPA Reg. Number:

39967-15

Date of Issuance:

MAR 21 2001

NOTICE OF PESTICIDE:

Registration

Reregistration

(under FIFRA, as amended)

Term of Issuance: Unconditional

Name of Pesticide Product:

Preventol TM Preservative Insecticide

Name and Address of Registrant (include ZIP Code):

Bayer Corporation  
100 Bayer Road  
Pittsburgh, PA 15205-9741  
attn: Stan Oslosky

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 unconditionally registered in accordance with FIFRA sec. 3(c)(5). Once a pesticide is registered, however, it is not regarded as permanently acceptable. Registration does not eliminate the need for continual reassessment of pesticides. If the Agency determines that, at any time, additional data are required to maintain in effect an existing registration, the Agency will require submission of such data under FIFRA section (3)(c)(2)B).

- 1. Revise the EPA Registration Number to read, "EPA Reg. No. 39967-15"

Signature of Approving Official:

Dani Daniel  
Insecticide-Rodenticide Branch  
Registration Division (7505C)

Date:

MAR 21 2001

Page Two

39967-15

2. Submit two (2) copies of your final printed labeling before you release the product for shipment.

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 label is enclosed for your records. If you have any questions regarding this notice, please contact me at (703) 305-5409.

Enclosure :

## Preventol TM Preservative INSECTICIDE

FOR CONTROL OF CERTAIN INSECTS INFECTING WOOD COMPOSITES, PLASTICS AND TEXTILES

ACTIVE INGREDIENT: imidacloprid, 1-[(6-Chloro-3-pyridinyl)methyl]-N-nitro-2-imidazolidinimine -----98%

INERT INGREDIENTS -----2%  
-----100%

### KEEP OUT OF REACH OF CHILDREN

### WARNING

### PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

May be fatal if swallowed or inhaled. Do not breathe dust or vapor. Wear a mask or respirator jointly approved by the Mine Safety and Health Administration and the National Institute for Occupational Safety and Health. Wash thoroughly with soap and warm water after handling and before eating, drinking or using tobacco products. Remove contaminated clothing and wash before reuse.

### STATEMENTS OF PRACTICAL TREATMENT

**If swallowed:** Call a physician or Poison Control Center. Drink one or two glasses of water and induce vomiting by touching the back of the throat with finger, or, if available, by administering syrup of ipecac. If syrup of ipecac is available, administer 1 tablespoonful (15 ml) of syrup of ipecac followed by 1 to 2 glasses of water. If vomiting does not occur within 20 minutes, repeat the dose once. **Do not induce vomiting or give anything by mouth to an unconscious person.**

**If on skin:** Wash skin immediately with soap and water for at least 15 minutes. If irritation occurs, get medical attention.

**If in eyes:** Hold the lids open and flush immediately with a slow stream of water. Continue this procedure for at least 15 minutes. Contact a physician.

**If inhaled:** Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth to mouth. Get medical attention.

**In case of poisoning,** call a physician or Poison Control Center. Have patient lie down and keep quiet. It is also requested that Bayer Corporation (Emergency Number 412/923-1800) be notified.

**NOTE TO PHYSICIAN:** No specific antidote is available. Treat the patient symptomatically.

### ENVIRONMENTAL HAZARDS

Pesticide wastes are acutely toxic. 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 into sewer systems without previously notifying the local sewage treatment plant authority. **ACCEPTED** Contact your State Water Board or Regional Office of the EPA.

EPA Reg. No.: 39967-XXX

EPA Est. No.: 3125-MO-1

Net Contents: \_\_\_\_\_ Pounds

Bayer Corporation  
Fibers, Organics and Rubber Division  
100 Bayer Road  
Pittsburgh, PA 15205-9741

**ACCEPTED**  
**with COMMENTS**  
**In EPA Letter Dated:**

MAR 21 2001

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

**39967-13**

DISCLAIMER Seller (whether manufacturer, distributor, or other) makes no warranty express or implied, including the implied warranty of merchantability, regarding this product except the composition as set forth in the ingredient statement herein, and shall not be liable for special or consequential damages, the exclusive remedy being the replacement of the product. Buyer or user assumes all risk of possession, handling or use of this material when such use and/or handling is contrary to label instructions.

### DIRECTIONS FOR USE

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

Detailed information on chemical and physical properties and other formulating recommendations for Preventol TM Preservative can be found in the product information sheet N- . Obtain and read this information thoroughly before undertaking the formulation of Preventol TM Preservative in order to formulation hazards and insure a satisfactory finished product.

Preventol TM Preservative is intended as a direct additive for the protection of insecticidal infestation in the following applications/uses:

- 1) Wood based composite products such as waferboard, fiberboard, particleboard, plywood and oriented-strand board for both above and below ground protection.
- 2) Plastics products such as PVC, polyurethane, polyethylene, polypropylene, natural and synthetic rubber, and other types of plastics products.
- 3) Textiles such as groundsheets, boat and car covers, awnings, tarpaulins, marine upholstery, seals, felts, and other textile applications/products.

**PLEASE SEE PRODUCT INFORMATION SHEET NUMBER \_\_\_\_\_ FOR  
DETAILED DIRECTIONS FOR USE**

### STORAGE AND DISPOSAL

**Pesticide storage:** Store in a cool, dry place and in such a manner as to prevent cross contamination with other pesticides, fertilizers, food, and feed. Store in original container and out of reach of children, preferably in a locked storage area.

**Pesticide disposal:** Pesticide wastes are toxic. Improper disposal of excess pesticide, 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:** Do not use container in connection with food, feed, or drinking water. Completely empty container into the processing equipment. Then dispose of empty container in a sanitary landfill or by incineration, or, if allowed by State and Local authorities, by burning. If burned, stay out of smoke.

Handle and open container in a manner as to prevent spillage. If the container is leaking or material spilled for any reason or cause, carefully sweep the material into a pile and dispose of as directed for pesticides as above. Refer to Precautionary Statements on label for hazards associated with the handling of this material. In spill or leak incidents, keep unauthorized people away. You may contact the Bayer Corporation Emergency Response Team for decontamination procedures any other assistance that may be necessary. The Bayer Corporation Pittsburgh Emergency Response Telephone Number is 412/923-1800, or contact CHEMTREC at 800/424-9300.

**U.S. PRODUCT INFORMATION**

TO BE PRINTED AS SEVERAL PAGES

Reason for Issue: Submission of Application for Registration

EPA Registration No: 39967-~~xx~~ RL

Date of Draft: December 13, 1995

**Product Information**

**Preventol TM Preservative**  
INSECTICIDE

FOR THE PROTECTION OF WOOD COMPOSITES, PLASTICS, AND TEXTILES AGAINST ATTACK BY INSECTS

Bayer Product Code/Technical Information Sheet No. N-  
EPA Registration Number 39967-xx  
CAS Number [138261-41-3]

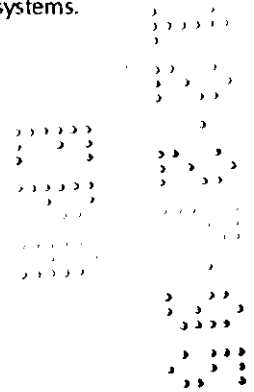
**Chemical and Physical Data**

<b>Common Name:</b>	Imidacloprid
<b>Chemical Name:</b>	1-[(6-chloro-3-pyridinyl)methyl]-N-nitro-2-imidazolidinimine
<b>Minimum Purity</b> (lower certified limit):	min. 95%
<b>Physical Form:</b>	solid
<b>Appearance:</b>	lumpy powder
<b>Color:</b>	cream/light yellow
<b>Density:</b>	1.54 g/cm <sup>3</sup>
<b>Molecular Weight:</b>	255.7
<b>Vapor Pressure (20°C):</b>	approx. 1.5 - 2.0 x10 <sup>9</sup> mm Hg at 20°C
<b>Solubility:</b>	water 0.51 g/l at 20°C

**Applications**

Preventol TM Preservative is a highly effective insecticide with a broad spectrum of activity. Especially, it has outstanding effectiveness against various types of termites such as *Reticulitermes santonensis*.

Owing to its solubility, ease of addition, stability and compatibility with other components such as fungicides, Preventol TM Preservative can be incorporated into both solvent-based and water-based systems.



### Spectrum of Activity

The following examples illustrate the outstanding effectiveness of Preventol TM Preservative:

#### Toxicity values (threshold values concerning the effectiveness of the product) in kg/m<sup>3</sup> wood

1.	Reticulitermes santonensis determined according to EN 117	without aging:	0.00014 - 0.0014
		after EN 73:	0.00091 - 0.0044
		after EN 84:	0.024 - 0.060
2.	Hylotrupes bajulus determined according to EN 47 (egg stage larvae)	after 4 weeks:	0.011 - 0.053
		after 12 weeks:	0.00 - 0.0108

#### Preventive application against Hylotrupes bajulus according to EN 46; testing period 12 weeks

1.	water based primer, dosage rate 0.05%	without aging:	mortality 100%
		after EN 73:	mortality 100%
		after EN 84:	mortality 100%
2.	water based stain, dosage rate 0.05%	without aging:	mortality 100%
100%		after EN 73:	mortality 100%
		after EN 84:	mortality 100%

### Directions for Use

#### Wood-based Composite Products

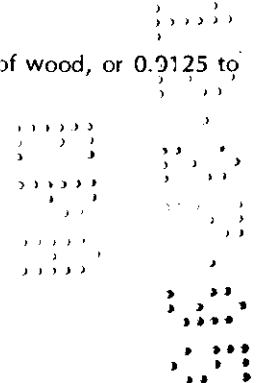
**GENERAL:** Preventol TM Preservative is recommended for the preservation of wood-based composite products, such as waferboard, fiberboard, particleboard, plywood and oriented-strand board when it is important to prevent the attack of insects, including termites, on the composite product. These composites are used in the following applications: millwork, including door and window frames; exterior siding; construction lumber; and exterior wood. Composite wood treated with Preventol TM Preservative does not change in appearance and may be painted when dry.

Preventol TM Preservative may be applied into a wood composite through a number of methods, including:

- a) Metering Preventol TM Preservative onto the dried wood flakes, fibers, etc. immediately before the blender. The Preventol TM Preservative is then mixed with flakes in the blender.
- b) Mixing Preventol TM Preservative with the wood flakes in the blender.
- c) Mixing Preventol TM Preservative with the adhesive or wax which is subsequently applied to the flakes in the blender.

The method of incorporation of Preventol TM Preservative will depend on the specific manufacturing process and wood species for the composite.

The suggested use level is 0.005 to 0.1 lbs. Preventol TM Preservative per cubic foot of wood, or 0.0125 to 0.25% Preventol TM Preservative, based on dry board weight.



**Plastics Preservation**

**GENERAL:** Preventol TM Preservative is recommended for the insecticidal preservation of plastics such as PVC, polyurethane, polyethylene, polypropylene, natural synthetic rubber, and other plastics. These plastics are used in the following applications: boat covers, carpet backing, convertible car tops, flooring, hoses, automotive underbody coatings, pond liners, roofing foils, wall coverings, cable sheeting, film and sheet of agricultural products, and other applications. Preventol TM Preservative is recommended for film and sheeting, extruded profiles, plastisols, molded goods, organosols, fabric coatings and similar systems requiring an effective termiticidal compound.

Preventol TM Preservative should be used at an application rate of 0.01 - 1% Preventol TM Preservative based on the weight of the finished article. To insure uniform distribution in the end product it is recommended that Preventol TM Preservative be pre-blended with plasticizer or other liquid ingredient of the finished formulation before the final production step, but it can also be fed directly into an extruder, roller mill, calender, or other plastic manufacturing device. The method of incorporation of Preventol TM Preservative be pre-dissolved in a suitable solvent. The method of incorporation of Preventol TM Preservative is predissolved in a suitable solvent. The method of incorporation of Preventol TM Preservative will depend on the specific manufacturing process and plastic to be protected; the treatment is recommended up to a temperature of 350°F and is limited only by decomposition of the substance.

**SOME OF THE ABOVE USES ARE SOIL CONTACT, AND ALL OF THEM NON FUMIGATION TREATMENTS**

**Textiles**

**GENERAL:** Preventol TM Preservative is recommended for use as a termiticide in textiles such as tents and groundsheets, boat and car covers, awnings, tarpaulins, marine upholstery, seals, felts, and other applications. Preventol TM Preservative is recommended to be used at an application rate of 0.01 - 1% Preventol TM Preservative, based on weight of the finished products. The application rate depends on the conditions of use, the weight of the textiles, the ultimate use of the end-product and the degree of exposure. To ensure uniform distribution in the end-product it is recommended that Preventol TM Preservative will depend on the specific manufacturing process and the type of textile to be protected. Heavy and close-woven fabrics should be dipped several times to ensure adequate penetration.

**SOME OF THE ABOVE USES ARE SOIL CONTACT, AND ALL OF THEM NON FUMIGATION TREATMENTS**

**INFORMATION ABOUT SAFETY AND HANDLING AND ON ECOLOGICAL AND TOXICOLOGICAL BEHAVIOR IS GIVEN IN OUR MATERIAL SAFETY DATA SHEET AND IN OUR SUMMARY OF TOXICITY AND ECOTOXICITY.**

Bayer Corporation  
Organic Chemicals Department  
Fibers, Organics and Rubber  
100 Bayer Road  
Pittsburgh, PA 15205-9741

The conditions of your use and application of our products, technical assistance and information (whether verbal, written or by way of production evaluations), including any suggested formulations and recommendations, are beyond our control. Therefore, it is imperative that you test our products, technical assistance and information to determine to your own satisfaction whether they are suitable for your intended uses and applications. This application-specific analysis at least must include testing to determine suitability from a technical as well as health, safety and environmental standpoint. Such testing has not necessarily been done by Bayer Corporation. All information is given without warranty or guarantee. It is expressly understood and agreed that the customer assumes and hereby expressly releases Bayer from all liability, in tort, contract or otherwise, incurred in connection with the use of our products, technical assistance and information. Any statement or recommendation not contained herein is unauthorized and shall not bind Bayer. Nothing herein shall be construed as a recommendation to use any product in conflict with patents covering any material or its use. No license is implied or in fact granted under the claims of any patent.