

34704-373

05/12/2003

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

MAY 12 2003

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

Glenda Haage  
Registration Manager  
Platte Chemical Company  
419 18<sup>th</sup> Street  
P.O. Box 667  
Greeley, CO 80632-0667

Subject: Basic CSF and Label Amendment: 2001-1 First Aid and Storage and Disposal  
Sevin 5 Granular (Carbaryl)  
EPA Reg. No. 34704-373  
Submission dated August 8, 2002, **accepted with comments**

Dear Ms. Haage:

The revised labeling referenced to above, submitted in connection with the registration under the Federal Insecticide, fungicide, and Rodenticide Act (FIFRA) as amended, is accepted with the following comments:

- 1) Add directly under the Storage and Disposal "Do not contaminate water, food or feed by storage or disposal"
- 2) Revise the Precautionary Statements to read "Harmful if swallowed or inhaled. Avoid breathing dust. Avoid contact with eyes, skin or clothing. Wash hands with soap and water after handling."
- 3) From the Environmental Hazards delete "for terrestrial uses" since only terrestrial uses are on your label.

The basic CSF dated January 29, 2003 is acceptable (identical to alternate CSF dated August 13, 2001) and it replaces all other previous CSFs in your file as the only active CSF.

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

Please submit two (2) copies of the final printed before shipment. If you have any questions please call me at (703) 308-8328.

Sincerely yours,  
*Akiva Abramovitch*  
Akiva Abramovitch, Ph.D.  
Chemist  
Insecticide-Rodenticide Branch  
Registration Division (7505C)

**CLEAN CROP** ACCEPTED with CO... EPA L...  
**SEVIN 5 GRANULAR**  
 Brand Carbaryl Insecticide

MAY 12 2003  
 Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 34704-373

34704-373

**N-Methyl Carbamate Insecticide**

**ACTIVE INGREDIENT:**  
 Carbaryl: 1-naphthyl N-methylcarbamate ..... 5%  
**INERT INGREDIENTS:** ..... 95%  
**TOTAL 100%**

**Personal Protective Equipment (PPE):**  
 Applicators and other handlers must wear: long-sleeved shirt and long pants, waterproof gloves and shoes plus socks.

Follow manufacturer's instructions for cleaning and maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

**Engineering controls statements:**  
 When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets with requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240 (d) (4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

**KEEP OUT OF REACH OF CHILDREN CAUTION**

EPA REG. NO. 34704-373  
 EPA EST. NO. ....  
 NET WEIGHT 50 LBS. (22.68 KG)

SEVIN is a Registered T.M. of Rhone-Poulenc Nederland B.V.  
 IHT EXP 01Y03

**PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS & DOMESTIC ANIMALS**

**CAUTION**

May be harmful if swallowed. Avoid breathing dust. Avoid contact with eyes, skin or clothing

**USER SAFETY RECOMMENDATIONS**

Users should:  
 Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.  
 Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.  
 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**

For terrestrial uses, do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. This pesticide is extremely toxic to aquatic and estuarine invertebrates. Do not contaminate water by cleaning of equipment or disposal of wastes.

**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, either directly or through drift. Only protected handlers may be in the area during application.

For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

**AGRICULTURAL USE REQUIREMENTS**

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.  
 Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.  
 PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is: coveralls, waterproof gloves and shoes plus socks.

**FIRST AID**

<b>If on skin or clothing:</b>	<ul style="list-style-type: none"> <li>Take off contaminated clothing</li> <li>Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If in eyes:</b>	<ul style="list-style-type: none"> <li>Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If swallowed:</b>	<ul style="list-style-type: none"> <li>Call a poison control center or doctor immediately for treatment advice.</li> <li>Have a person sip a glass of water if able to swallow.</li> <li>Do not induce vomiting unless told to do so by the poison control center or doctor.</li> <li>Do not give anything by mouth to an unconscious person.</li> </ul>
<b>If inhaled:</b>	<ul style="list-style-type: none"> <li>Move person to fresh air.</li> <li>If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.</li> <li>Call a poison control center or doctor for further treatment advice.</li> </ul>

**FOR A MEDICAL EMERGENCY INVOLVING THIS PRODUCT CALL: 1-800-228-5635, EXT. 136, OR CALL COLLECT, 612-851-8180, EXT. 136.**  
**Note to Physician:** Carbaryl contains an N-methyl carbamate that inhibits cholinesterase. Atropine is antidotal.

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**SEVIN 5 GRANULAR**  
**Brand Carbaryl Insecticide**  
**EPA REG. NO. 34704-373**

**STORAGE AND DISPOSAL**

**PESTICIDE STORAGE:** Keep out of reach of children and animals. Store in original containers only. Store in a cool, dry place and avoid excess heat. Carefully open containers. After partial use, fold and roll back bags, clamp and close tightly. Do not put material into food or drink containers. Do not contaminate other pesticides, fertilizers, water, food or feed by storage or disposal.

In case of spill, avoid contact, isolate area and keep out animals and unprotected persons. Confine spills.

To confine spill: If dry material, cover to prevent dispersal. Place damaged package in a holding container. Identify contents.

**PESTICIDE DISPOSAL:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

**CONTAINER DISPOSAL:** Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

Some phytotoxicity may occur on tender foliage in presence of rain or high humidity of several days duration following application.

**NON-AGRICULTURAL USE REQUIREMENTS**

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses. On ornamental turf, keep children and pets off treated areas until material is washed into the soil and surfaces are dry.

**LAWNS, RECREATIONAL, AND ORNAMENTAL TURF AREAS**

For control of turfgrass pests, apply granules uniformly to the turf grass. For optimum control, follow specific directions for proper watering or irrigation after application. Do not allow public use of treated area during application.

INSECT	POUNDS OF GRANULES PER 1000 SQ. FT.	SPECIFIC DIRECTIONS
Ants, Armyworms*, Centipedes*, Chinch bugs, Crickets*, Cutworms*, Darkling ground beetles*, Earwigs, Essex skipper*, European chafer*, Fall armyworm, Fiery skipper*, Fleas, Grasshoppers*, Green June beetle*, Green June beetle grubs*, Lawn moths (Sod webworm), Leafhoppers, Lucerne moth larvae*, Millipedes, Sowbugs*, <u>Spittlebugs*</u> , <u>Springtails*</u> , <u>Ticks*</u> , <u>Yellowstriped armyworm*</u>	2.8 to 3.8	For general insect control, apply granules uniformly when grass is dry. For most effective control, lawn should be watered lightly after application to remove chemical from the granule. Repeat applications may be made as needed to control new infestation.
White grubs* (such as: Japanese beetle grubs, Chafer beetle grubs, <i>Phyllophaga</i> spp. grubs, and Annual white grubs), Bluegrass billbug larvae*, European crane fly larvae*	3.8	For white grub control, applications should be made when grubs are feeding near the soil surface, usually during late March through May or July to early September, or as recommended by local agricultural extension agents. For most effective control, turf should be watered thoroughly after treatment to remove the chemical from the granules. Repeat applications may be made as needed to control new infestations.

**NUISANCE PEST CONTROL IN AND AROUND FLOWER BEDS AND ORNAMENTAL PLANTINGS AND AROUND BUILDINGS**

For control of ants, armyworms\*, ticks\*, cutworms\*, centipedes\*, crickets\*, earwigs, firebrats\* and silverfish\*, fleas, millipedes, sowbugs\*, scorpions\* and spiders\*; apply granules uniformly in a 6 foot band around the building. Apply granules at the rate of 7.3 ounces per 120 square feet (620 foot band) to shrub and flower beds, foundations, ornamental plantings, and lawn or soil areas immediately adjacent to the building. For most effective control, treated area should be lightly watered after application to remove the chemical from the granules. Repeat treatments as necessary to control new infestations.

**CROPS (Not for Use in California)**

For control of Ants, Centipedes, Crickets, Cutworms, Earwigs, Grasshoppers, Millipedes, Sowbugs, (Pillbugs), Springtails, and Ticks, apply granules evenly over the soil surface. Water lightly after application to release the chemical from the granules.

CROP	POUNDS OF GRANULES PER 1000 SQ. FT.	PREHARVEST INTERVAL	SPECIFIC DIRECTIONS
Asparagus	0.90	1 Day	Repeat applications as necessary up to a total of 3 times prior to harvest or a total of 4 times per year but not more often than once every 7 days.
Beans, Peas, Cowpeas	0.70	3 Days (Fresh beans or peas) 14 Days (Forage) 21 Days (Dried beans or peas, seed, or hay)	Repeat applications as necessary up to a total of 4 times per year but not more often than once every 7 days.
Broccoli, Brussels Sprouts, Cabbage, Cauliflower, Collards, Kale, Mustard greens, Kohlrabi, Chinese Cabbage	0.90	3 Days (Broccoli, Brussel Sprouts, Cabbage, Cauliflower, Kohlrabi) 14 Days (Chinese Cabbage, Collards, Kale, Mustard greens)	Repeat applications as necessary up to a total of 3 times per year but not more often than once every 7 days.
Carrots, Garden Beets (roots), Horseradish, Parsnips, Potatoes, Radishes, Rutabagas, Salsify, <u>Sweet Potatoes, Turnips (roots)</u>	0.90	7 Days	Repeat applications as necessary up to a total of 3 times per year but not more often than once every 7 days.
Celery, Dandelion, Endive, Garden Beets (tops), Hanover Salad, Lettuce (head and leaf), Parsley, Rhubarb, Spinach, Swiss chard, Turnips (tops)	0.90	14 Days	Repeat applications as necessary up to a total of 3 times per year but not more often than once every 7 days.
Corn (Field and Pop)	0.90	14 Days (Forage, silage) 48 Days (Grain, Fodder)	Repeat applications as necessary up to a total of 4 times per year but not more often than once every 14 days.
Sweet Corn	0.90	2 Days (Ears) 14 Days (Forage) 48 Days (Fodder)	Repeat applications as necessary up to a total of 4 times per year but not more often than once every 7 days.

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**SEVIN 5 GRANULAR**  
**Brand Carbaryl Insecticide**  
**EPA REG. NO. 34704-373**

CROP	POUNDS OF GRANULES PER 1000 SQ.FT.	PREHARVEST INTERVAL	SPECIFIC DIRECTIONS
Cucumber, Melon, Squash	0.45	3 Days	Repeat applications as necessary up to a total of 6 times per year but not more often than once every 7 days.
Eggplant, Peppers, Tomatoes	0.90	3 Days	Repeat applications as necessary up to a total of 4 times per year but not more often than once every 7 days.
Strawberries	0.90	7 Days	Repeat applications as necessary up to a total of 4 times per year but not more often than once every 7 days.  Carbaryl may injure Early Dawn and Sunrise varieties of strawberries.

**IMPORTED FIRE ANT CONTROL (Not for use in California)**

For use as a mound treatment to control imported fire ants, apply 1.9 to 3.8 ounces by weight over and around each fire ant mound. Irrigate mound thoroughly immediately after treatment to remove the chemical from the granules and flush it down into the mound. A minimum of 1 gallon of water should be applied to each mound, but do not use more than 2 gallons on water as flooding of the mound may result. Apply water gently to avoid disturbing ants and causing migration before chemical can be effective. For best results, apply in the early morning or late evening hours when ants are least active. Treat new mounds as they appear.

**CONTROL OF TICKS\* WHICH TRANSMIT LYME DISEASE**

For control of juvenile and adult Ixodes spp. ticks (Deer tick, Bear tick, and Black legged tick) and Amblyomma spp. ticks (Lone star tick). Apply granules at the rate of 3.2 to 3.8 pounds of formulated product per 1000 square feet.

Begin applications in late spring or early summer (May/June). Uniformly apply granules to entire lawn, perimeter wooded areas, and property boundaries including shrub beds, ornamental plantings, and wooded areas where exposure to ticks may occur. For optimum results, irrigate treated areas after application to remove chemical from granules.

\*NOT FOR USE IN CALIFORNIA.

Approximate fertilizer spreader settings to distribute 4 pounds of granules per 1000 sq. ft.

Spreader	Setting
Scott	#4
Lawn Beauty	#5
Cyclone	#4

**Dealers Should Sell in Original Packages Only.**

**NOTICE**

IT IS IMPOSSIBLE TO ELIMINATE ALL RISKS INHERENTLY ASSOCIATED WITH THE USE OF THIS PRODUCT. CROP INJURY, 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 PLATTE, THE MANUFACTURER OR SELLER. IN NO CASE SHALL PLATTE, THE MANUFACTURER OR SELLER BE LIABLE FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT. ALL SUCH RISKS SHALL BE ASSUMED BY THE BUYER.

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FORMULATED FOR  
**PLATTE CHEMICAL CO.**  
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