



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

March 4, 2015

Lawrence A. Miller, Agent  
Sinon Corporation  
c/o Biologic Consulting, Inc.  
115 Obtuse Hill Road  
Brookfield, CT 06804

Subject: Label Amendment –Methomyl Mitigation Language and **Delete Uses on Barley, Oats, and Rye**  
Product Name: Methomyl Technical  
EPA Registration Number: 70552-2  
Application Date: December 18, 2014  
Decision Number: 498827

Dear Mr. Miller:

The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable. This approval does not affect any conditions that were previously imposed on this registration. You continue to be subject to existing conditions on your registration and any deadlines connected with them.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

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Your release for shipment of the product constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6. If you have any questions, please contact Carlyn Petrella by phone at 703-347-0439, or via email at [petrella.carlyn@epa.gov](mailto:petrella.carlyn@epa.gov).

Sincerely,

A handwritten signature in black ink, appearing to read "Gebken", written in a cursive style.

Richard Gebken  
Product Manager 10  
Invertebrate & Vertebrate Branch 2  
Office of Pesticide Programs

Enclosure

# Methomyl Technical

## For Formulation Use Only

### INGREDIENT STATEMENT

ACTIVE INGREDIENT:		By Weight
Methomyl: S-Methyl N-[(methylcarbamoyl)oxy] thioacetimidate .....	99.3%	
INERT INGREDIENTS .....	0.7%	
TOTAL .....	100.0%	

EPA Reg. No. 70552-2

EPA Est. XXXXX-XXX-XXX

**KEEP OUT OF REACH OF CHILDREN**

**DANGER**



**POISON**

**ACCEPTED**

03/04/2015

Under the Federal Insecticide, Fungicide  
and Rodenticide Act as amended, for the  
pesticide registered under  
EPA Reg. No. 70552-2

<b>FIRST AID</b>	
THIS PRODUCT IS AN N-METHYL CARBAMATE INSECTICIDE.	
<b>If Swallowed:</b>	Call a poison control center or doctor immediately for treatment advice. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person.
<b>If in Eyes:</b>	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.
<b>If Inhaled:</b>	Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for treatment advice.
<b>If on Skin or Clothing:</b>	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.
<b>NOTE TO PHYSICIAN</b>	
<b>ATROPINE IS AN ANTIDOTE - SEEK MEDICAL ATTENTION AT ONCE IN ALL CASES OF SUSPECTED POISONINGS. POISONING SYMPTOMS:</b> Methomyl poisoning produces effects associated with anticholinesterase activity which may include weakness, blurred vision, headache, nausea, abdominal cramps, discomfort in the chest, constriction of pupils, sweating, slow pulse, muscle tremors. <b>TREATMENT:</b> Atropine sulfate should be used for treatment. Administer repeated doses, 1.2 to 2.0 mg. intravenously every 10 to 30 minutes until full atropinization is achieved. Maintain atropinization until the patient recovers. Artificial respiration or oxygen may be necessary. Allow no further exposure to any cholinesterase inhibitor until recovery is assured. Do not use morphine or 2-PAM. However, for exposure to methomyl and organophosphorous insecticides, 2-PAM may be used as required to supplement the atropine sulfate treatment as described above. For medical emergencies involving this product, call toll free [enter phone number].	
<b>HOT LINE NUMBER</b>	
If poisoning symptoms appear (see POISONING SYMPTOMS), get medical attention. Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also call [ENTER PHONE NUMBER] for emergency medical treatment information.	

## **PRECAUTIONARY STATEMENTS**

### **HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

FATAL IF SWALLOWED. MAY BE FATAL IF INHALED OR GETS IN EYES. DO NOT BREATHE DUST OR SPRAY MIST. DO NOT GET IN EYES, ON SKIN, OR ON CLOTHING. WEAR PROTECTIVE EYEWEAR AND RESPIRATOR. HARMFUL IF ABSORBED THROUGH THE SKIN. AVOID CONTACT WITH SKIN. Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove contaminated clothing and wash clothing before reuse.

### **IMPORTANT NOTICE TO HANDLERS**

BEFORE OPENING DRUM PUT ON CHEMICAL PROTECTIVE CLOTHING, CHEMICAL RESISTANT GLOVES, SOCKS AND CHEMICAL RESISTANT FOOTWEAR, GOGGLES OR FACE SHIELD, AND A RESPIRATOR JOINTLY APPROVED BY THE MINE SAFETY AND HEALTH ADMINISTRATION AND BY THE NATIONAL INSTITUTE FOR OCCUPATIONAL SAFETY AND HEALTH. WEAR CLEAN CLOTHING DAILY.

Technical information for this product is available from the manufacturer on request.

### **ENVIRONMENTAL HAZARD STATEMENT**

This product is toxic to fish, birds and other wildlife. Keep out of any body of water. 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.

### **PHYSICAL AND CHEMICAL HAZARDS**

Keep container closed. Use with adequate ventilation.

### **DIRECTIONS FOR USE**

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

**Formulators using this product are responsible for obtaining EPA registration of their formulated product.**

#### **1. Only for formulation into end use insecticide products registered for the following:**

**Terrestrial Food Crops:** Alfalfa, anise (fennel), apple asparagus, avocado, beans (dried-type), beans (succulent), beets (roots and tops), bermudagrass, blueberry, carrot (roots and tops), chicory, corn (field), corn (pop), corn (sweet), corn (unspecified), cotton (unspecified), eggplant, garlic, grapefruit, groundcherry (strawberry tomato/tomatillo), horseradish, lemon, lentils, mint, nectarine, onion, onions (green and bulb), orange, peach, peanuts (unspecified), pear, peas (field), peas (succulent), peas (unspecified), pecan, pepper, peppermint, pomegranate, potato (white/Irish), radish, sorghum (unspecified), soybeans (unspecified), spearmint, sugar beet, sweet potato, tangelo, tangerines, tomato, turnip (greens), vegetable, leafy, except brassica (Group 4; includes: amaranth, leafy, arugula, cardoon, celery, celery, Chinese, celtuce, chervil, chervil, fresh leaves, chrysanthemum, edible leaved, chrysanthemum, garland, corn salad, cress, garden, cress, upland, dandelion, leaves, dock, endive, fennel, Florence, fennel, Florence, fresh leaves and stock, kale, sea, lettuce, head, lettuce leaf (black seeded simpson, salad bowl, etc.), orach, orach, leaves, parsley, parsley, leaves, purslane, garden, purslane, winter, radicchio, rhubarb, spinach, spinach, Chinese, spinach, New Zealand, spinach, vine, swiss chard, tampala, vegetable, leafy), vegetable, brassica leafy (Group 5; includes: broccoli, broccoli raab, broccoli (Chinese), brussels sprouts, cabbage, cabbage (Chinese, bok choy), cabbage (Chinese, mustard), cabbage (Chinese, napa), cauliflower, collards, kale, kohlrabi, mustard (greens), mustard (spinach), rape greens), vegetable, cucurbit. (Group 9; includes: balsam apple, balsam pear, cantaloupe, chayote, fruit, cucumber, cucumber (Chinese), cucurbits, gherkin (west Indian), gourd (edible), melon, melon (citron), muskmelon, pumpkin, squash, squash (summer), squash (winter), watermelon, waxgourd (Chinese)), wheat.

**Terrestrial Nonfood Crops:** tobacco (excluding shade grown), tree nuts (non-bearing), turf. This product may be formulated into end use products for the indoor/outdoor non-food use sites listed below only if all the restrictions listed below apply to the registration of the end use product.

- a. No uses in or around homes or any other place where children are likely to be present.
  - b. The end use product for these use sites will be limited to use in bait stations four feet off the ground, except the end use products may be used as scatter bait only in EPA approved commercial agricultural production areas.
  - c. An embittering agent must be added to all end use products at concentrations of at least 20-50 ppm.
  - d. End use products must be an EPA approved color.
  - e. All end use fly bait products must contain separate use directions for scatter bait and bait station uses. Indoor/Outdoor Nonfood Uses: dog kennels, fur-bearing animal units, farm buildings, poultry houses, commercial, industrial and institutional areas (outdoor), eating establishments (outdoor), food processing, handling and storage plants/areas (outdoor), garbage areas, garbage cans, trash bins, meat processing plants (nonfood areas), poultry processing plants (nonfood areas).
2. Uses for which U.S. EPA has accepted the required data and/or citations of data that the formulator has submitted in support of registration.
  3. Uses for experimental purposes that are in compliance with U.S. EPA requirements.

## STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

**PESTICIDE STORAGE:** Store product only in original container, in a cool, dry industrial location inaccessible to children and pets. Do not use or store in or around the home.

**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.

**CONTAINER HANDLING:** Refer to the Net Contents section of this product's labeling for the applicable type of container designation. **Nonrefillable Containers:** Nonrefillable container. Do not reuse or refill this container. Completely empty liner by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into formulation equipment. Then, offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration. Do not burn, unless allowed by state and local ordinances. Do not transport if this container is damaged or leaking. If the container is damaged, leaking or obsolete, or in the event of a major spill, fire or other emergency, contact the manufacturer at [enter phone number].

## LIMITATION OF WARRANTY AND LIABILITY

NOTICE: Read this Limitation of Warranty and Liability Before Buying or Using This Product. If the Terms Are Not Acceptable, Return the Product at Once, Unopened, and the Purchase Price Will Be Refunded.

Sinon Corporation warrants that this product conforms to the chemical description on the label thereof and is reasonably fit for the purpose stated in the directions under normal conditions. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, SINON CORPORATION MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR OF MERCHANTABILITY OR ANY OTHER EXPRESS OR IMPLIED WARRANTY. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, IN NO EVENT SHALL SINON CORPORATION OR SELLER BE LIABLE FOR ANY INCIDENTAL, CONSEQUENTIAL OR SPECIAL DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.

BUYER'S OR USER'S BARGAINED-FOR EXPECTATION IS CROP PROTECTION. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER AND THE EXCLUSIVE LIABILITY OF SINON CORPORATION OR SELLER, FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY OR CONTRACT, NEGLIGENCE, TORT OR STRICT LIABILITY), WHETHER FROM FAILURE TO PERFORM OR INJURY TO CROPS OR OTHER PLANTS, AND RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT, OR AT THE ELECTION OF SINON CORPORATION OR SELLER, THE REPLACEMENT OF THE PRODUCT.

To the extent consistent with applicable law that allows such requirement, buyer and all users shall promptly notify Sinon Corporation of any claims, whether based on contract, negligence, strict liability, other tort or otherwise, or be barred from any remedy. This Limitation of Warranty and Liability may not be amended by any oral or written agreement.

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

Manufactured by:  
Sinon Corporation  
111, Chung-Shan Road  
Ta-Tu Hsiang, Taichung Hsien 432  
Taiwan, ROC