

89816-1

04/03/2013

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF  
CHEMICAL SAFETY AND  
POLLUTION PREVENTION

Mebrom Corp.  
c/o PRA Registrations, LLC  
Jeanette Covert  
P.O. Box 351  
Voorhees, NJ 08043

APR 03 2013

Product Name: Mebrom 98  
EPA Reg. No.: 89816-1  
Subject: Label Amendment to delete Montreal Protocol phase out uses  
EPA Decision Number: 476975

Dear Ms. Covert,

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) as amended, is acceptable. A stamped copy of your label is enclosed for your records. This label supersedes all previously accepted labels.

You must submit one (1) copy of the final printed label before you release the product for shipment. Products released for shipment after eighteen (18) months from the date of this letter must bear the new revised label. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA §6(e). Your release for shipment of the product constitutes acceptance of these conditions.

If you have any questions, please contact Erin Malone at (703) 347-0253 or via email at [malone.erin@epa.gov](mailto:malone.erin@epa.gov).

Sincerely,

A handwritten signature in black ink, appearing to read "Hope Johnson".

Hope Johnson  
Acting Product Manager 21  
Fungicide Branch  
Registration Division (7504P)

217

**ACCEPTED**

APR 03 2013

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 89816-1

# MEBROM 98

A Nematicide, Insecticide, Fungicide, Herbicide for Formulation or Repackaging  
Into End-Use Soil Pesticide Products.

**ACTIVE INGREDIENT:**

Methyl bromide..... 98 %

**OTHER INGREDIENTS:**

Chloropicrin..... 2 %

**TOTAL** 100 %



**DANGER • POISON • PELIGRO**



KEEP OUT OF REACH OF CHILDREN

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle.  
(If you do not understand the label, find someone to explain it to you in detail).

First Aid	
If inhaled:	<ul style="list-style-type: none"> <li>• Move person to fresh air. Keep warm.</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>• Do not give anything by mouth to an unconscious person. If not unconscious, rinse mouth out with water.</li> <li>• In all cases of overexposure, get medical attention immediately. Take person to a doctor or emergency treatment facility.</li> </ul>
If on skin or clothing:	<ul style="list-style-type: none"> <li>• Immediately remove contaminated clothing, shoes, and any other item on skin.</li> <li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>• In all cases of overexposure, get medical attention immediately. Take person to a doctor or emergency treatment facility.</li> </ul>
If in eyes:	<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>• In all cases of overexposure, get medical attention immediately. Take person to a doctor or emergency treatment facility.</li> </ul>
<b>HOT LINE NUMBER</b>	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-535-5053 for emergency treatment information.	
<b>NOTE TO PHYSICIAN</b>	
Early symptoms of overexposure are dizziness, headache, nausea and vomiting, weakness and collapse. Lung edema may develop in 2 to 48 hours after exposure, accompanied by cardiac irregularities; these effects are the usual cause of death. Repeated overexposures can result in blurred vision, staggering gait and mental imbalance, with probable recovery after a period of no exposure. Blood bromide levels suggest the occurrence, but not the degree, of exposure. Treatment is symptomatic.	

**SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS**

**EPA REG. NO. 89816-1**

**EPA EST. NO.**

**Net contents:**

Manufactured for:  
Mebrom Corp.  
2711 Centerville Rd  
Wilmington, DE 19808

**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS  
DANGER**

Extremely hazardous liquid and vapor under pressure. Do not breathe vapor. Inhalation may be fatal or cause serious acute illness or delayed lung or nervous system injury. Liquid or vapor can cause serious skin or eye injury which may have a delayed onset. Do not get liquid on skin, in eyes or on clothing.

This product contains chloropicrin as a warning agent. Chloropicrin may be irritating to the upper respiratory tract, and even at low levels can cause painful irritations to the eyes, producing watering. If these symptoms occur, leave the fumigation area immediately.

**PERSONAL PROTECTIVE CLOTHING (PPE)**

Methyl Bromide may be trapped inside clothing and cause skin injury.

- Wear loose, long-sleeved shirts, long trousers and socks that are cleaned after each wearing.
- Do not wear jewelry, gloves or other gas confining apparel.
- If full-face respiratory protection is not required, wear full face shield for eye protection when handling liquid.
- After exposure, immediately remove clothing, shoes and socks. Do not reuse contaminated clothing until thoroughly decontaminated. Drenched shoes cannot be adequately decontaminated.

**ENVIRONMENTAL HAZARDS**

This pesticide is toxic to mammals, birds and aquatic invertebrates. 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**

Contents under pressure. Do not use or store near heat or open flame. In fires fueled by other materials, Mebrom 98 may liberate hazardous gases. The use of Mebrom 98 with aluminum, magnesium, zinc and alkali metals will result in the liberation of toxic gases, and possible fire and

explosion. In addition, severe corrosion of containers and equipment made of these metals will occur.

**DIRECTIONS FOR USE**

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

**Registration by the U. S. Environmental Protection Agency is required before the new product can be lawfully distributed in interstate commerce.**

Only for formulation into a pre-plant soil fumigant for uses, users, and locations that at the time of the application qualify for exemptions under the Montreal Protocol (e.g., critical use exemption or quarantine and preshipment exemption uses) and for the following uses that do not qualify for exemptions: Caneberries (Raspberries, Blackberries, Boysenberries), Golf Course Tees, Greens, and Fairways, Athletic Fields, and Tobacco Seedling Trays. All end use products that contain *Directions for Use* for crops/use sites that at the time of the application do not qualify for exemptions under the Montreal Protocol or that are not listed above must be changed to remove those crops/use sites. All structural/space uses have been cancelled.

Methyl bromide formulated into end-use products containing 98% methyl bromide must contain directions for use only for the following uses: orchard replant; ornamentals (hot gas method only); forest seedlings; golf course tees, greens, and fairways (hot gas method only); athletic fields (hot gas method only); and quarantine uses. All other use sites and use patterns are prohibited and must be removed from the end-use product labeling.

Methyl bromide cannot be formulated into end-use products labeled for pre-plant uses without the use of tarps with the exception of California orchard replant for Critical Use Exemption (CUE) use using the deep broadcast application method and hand held tree-hole applications.


Methyl bromide cannot be formulated into end-use products labeled for pre-plant or pre-transplant uses unless the end-use registrant makes available to certified applicators who purchase or apply the end-use product a registrant developed training program approved by EPA. The training program must provide information on (1) how to correctly apply the fumigant, including how to comply with new label requirements; (2) how to protect handlers and bystanders; (3) how to determine buffer zone distances; (4) how to complete an FMP and the post-application summary; (5) how to determine when weather and other site-specific factors are not favorable for fumigant application; (6) how to comply with required GAPs and how to document compliance with GAPs in the FMP; and (7) how to develop and implement emergency response plans. The registrant developed training program must be made available at least annually to the certified applicators. The end-use registrant must be able to provide, upon request, the names, addresses, and certified applicator license and/or certificate number of persons who successfully complete the registrant developed training program.

Methyl bromide cannot be formulated into end-use products labeled for pre-plant or pre-transplant uses unless the end-use registrant ensures Buffer Zone signs suitable for posting buffer zones or templates for the buffer zone signs are available to its downstream distributors/customers who in turn will provide the signs at the point of sale. Templates may be downloaded from [http://www.epa.gov/pesticides/reregistration/soil\\_fumigants/index.htm](http://www.epa.gov/pesticides/reregistration/soil_fumigants/index.htm).

The Buffer Zone sign must meet the following standards:

- Signs must remain legible during the entire posting period, and must meet the general standards outlined in the WPS for sign size, text size, and legibility (see 40 CFR §170.120).

**Contents of Sign**



-- DO NOT ENTER/NO ENTRE,  
 -- Methyl Bromide Mebrom 98 Fumigant BUFFER ZONE,  
 -- space for contact information for the certified applicator in charge of the application.

This product may be used to formulate products for any additional use(s) not listed on the MUP label if the formulator, user group, or grower has complied with U.S. EPA submission requirements regarding support of such use(s).

**STORAGE AND DISPOSAL**

Do not contaminated water, food, or feed by storage and disposal.

**Pesticide Storage:** Store in a locked, well-ventilated area. Post as a pesticide storage area.

**Pesticide Disposal:** Pesticide wastes are toxic. 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:** Refillable container. Refill this container with pesticide only. Do not reuse this container for any other purpose. Return empty containers according to the Mebrom Corp container return policy. Contact Mebrom Corp for policy details. Replace safety caps and valve protection devices prior to return. Return partial containers only after consulting Mebrom Corp for proper shipping instructions.

**Lot Number:**

**SPILL AND LEAK PROCEDURES**

In case of a rupture of hose or fitting, immediately evacuate area of spill or leak. Use a NIOSH/MSHA approved self-contained breathing apparatus (SCBA) or combination air-supplied/SCBA respirator for entry into affected area to correct problem. Approach from upwind to make necessary repairs. Do not reenter area without respiratory protection until a spill has been evaporated or a leak has been repaired, and the methyl bromide concentration is determined to be less than 5 ppm.

Contaminated soil, water, and other cleanup debris is a toxic hazardous waste. Report spill to the National Response Center (800-424-8802) if the reportable quantity of 1000 pounds is exceeded.



NET WT. \_\_\_\_\_

LOT NUMBER \_\_\_\_\_



**WARNING:**

Contains Methyl Bromide, a substance which harms public health and environment by destroying ozone in the upper atmosphere.

