



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

September 7, 2017

John F. Wright  
Mebrom Corporation  
c/o PRA Registrations, LLC  
8595 Collier Blvd. Suite 107-51  
Naples, FL 34114

Subject: Label Amendment – Voluntary use deletion to remove all non-Critical Use Exemption (CUE) uses from label  
Product Name: Mebrom 100  
EPA Registration Number: 89816-2  
Application Date: 2/29/2016  
Decision Number: 514629

Dear Mr. Wright:

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.

This amendment supports the notification of use termination submitted by Mebrom Corporation to voluntarily amend the registration of Mebrom 100 to terminate the following uses:

<b>Table 1</b>	
<b>EPA Registration Name and Number</b>	<b>Use Deletion</b>
Mebrom 100, EPA registration # 89816-2	All non-Critical Exemption (CUE) uses

In its letter to the Agency, Mebrom Corporation waived the 180-day comment period and opted for a 30 day comment period instead. The Notice of Request to Voluntary Amend to Terminate Uses of the above registration and specified uses was published in the Federal Register on 4/10/17, and the comment period ended on 5/10/17. The Agency did not receive any public comment in response to this Notice, nor a written withdrawal of the use deletion from Mebrom Corporation.

Pursuant to FIFRA section 6(f) (7 U.S.C. 136d(f)), the Agency hereby approves the requested amendment to terminate uses of Mebrom 100 identified in Table 1 above. Accordingly, the Agency orders that the product registration identified in Table 1 above is hereby amended to terminate the affected uses. Any distribution, sale, or use of existing stocks of the subject

product in a manner inconsistent with any of the provisions for disposition of existing stocks set forth below will be considered a violation of FIFRA.

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. Existing stocks are those stocks of registered pesticide products which are currently in the United States and which were packaged, labeled, and released for shipment prior to the effective date of this action terminating uses. In accordance with the Order to Amend Pesticide Registrations to Terminate Uses published in the Federal Register on August 29, 2017, you may distribute or sell this product under the previously approved labeling until August 29, 2018. Persons other than the registrant may continue to sell and/or use existing stocks of products bearing old labeling until such stocks are exhausted, provided that such use is consistent with the terms of the previously approved labeling on, or that accompanied, the product with the terminated use. After August 29, 2018, 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.

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, you may contact Heather Garvie at 703-308-0034 or via email at [garvie.heather@epa.gov](mailto:garvie.heather@epa.gov).

Sincerely,



Hope Johnson, Product Manager 21  
Fungicide Branch  
Registration Division (7505P)  
Office of Pesticide Programs

Enclosure

**ACCEPTED**

Sep 07, 2017

Under the Federal Insecticide, Fungicide  
and Rodenticide Act as amended, for the  
pesticide registered under  
EPA Reg. No. 89816-2

# MEBROM 100

A Nematicide, Insecticide, Fungicide, Herbicide for Formulation or Repackaging  
Into End-Use Pesticide Products Intended for Pre-plant Soil Uses or Commodity Food/Non-food Uses

**ACTIVE INGREDIENT: Methyl bromide.....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 swallowed:	<ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice.</li> <li>• Have 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>
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. 89816-2**

**EPA EST. NO. XXX**

**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. Fatal if inhaled or swallowed. Corrosive. Causes skin burns and irreversible eye damage, both of which may have a delayed onset. Do not breathe vapor or gas. Inhalation may cause serious acute illness or delayed lung, nerve, or brain injury. Do not get in eyes, on skin or on clothing.

Methyl bromide vapor is odorless and nonirritating to skin and eyes during exposure. Exposure to toxic levels may occur without warning or detection by user.

**PERSONAL PROTECTIVE EQUIPMENT (PPE)**

- Wear loose-fitting or well ventilated long-sleeved shirt and long pants, shoes and socks, full-face shield or safety glasses with brow and temple shields (DO NOT WEAR GOGGLES) when handling liquid product.
- A respirator is required if the acceptable air concentration level of methyl bromide in the working area, as measured by a direct-reading detector device (e.g. Draeger hand pump and detector tube, etc.) exceeds 1 ppm (3.8 mg/m<sup>3</sup>). The respirator must be one of the following types:
  - a supplied-air respirator (MSHA/NIOSH approved number prefix TC-19C) OR
  - a self-contained breathing apparatus (SCBA) (MSHA/NIOSH approval number prefix TC-13F).
- Do not wear jewelry, gloves or boots when handling.

Methyl bromide is heavier than air and may be trapped inside clothing and cause skin injury. If liquid spills or splashes on clothing, shoes or socks, remove them immediately. Do not reuse contaminated clothing or shoes until thoroughly aerated or ventilated and cleaned. Discard clothing and shoes that have been heavily drenched or contaminated with this product.

**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, methyl bromide may liberate hazardous gases. The use of methyl bromide 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.

Methyl Bromide may be used only for repackaging or formulating into an end-use product intended for pre-plant soil or commodity food/non-food use. Registration by the U. S. Environmental Protection Agency is required before the new product can be lawfully distributed in interstate commerce.

Methyl bromide is a highly hazardous material and must be used only by individuals trained in its proper use. All persons working with methyl bromide must be knowledgeable about the hazards, and trained in the use of required respirator equipment and detector devices, emergency procedures, and proper use of the fumigant.

### **Special Use Instructions for the Formulation or Repackaging of Methyl Bromide into and End-Use Pre-Plant Soil Fumigant.**

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 pre-shipment exemption uses). 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 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 critical use exemption, quarantine and pre-shipment exemption 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 100 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

Immediately evacuate everyone from the area of the spill or leak. For entry into affected area to correct problem, wear the personal protective equipment (including prescribed respirator) specified under PERSONAL PROTECTIVE EQUIPMENT section of this labeling. Move leaking or damaged containers outdoors or to an isolated location. Observe strict safety precautions. Work upwind, if possible. Allow spilled fumigant to evaporate. Only correctly trained and PPE-equipped handlers are permitted to perform such cleanup. Do not permit entry into the spill or leak area by any other person until the air concentration level of methyl bromide is measured to be less than 1 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.

### WARRANTY DISCLAIMER AND NOTICE

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#### IMPORTANT: READ BEFORE USE

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Read the entire Directions for Use, Disclaimer of Warranties and Limitations of Liability before using this product. If terms are not acceptable, return the unopened product container at once.

By using this product, user or buyer accepts the following Disclaimer of Warranties and Limitations of Liability.

**DISCLAIMER OF WARRANTIES:** To the extent consistent with applicable law, MEBROM CORP MAKES NO OTHER WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE, THAT EXTEND BEYOND THE STATEMENTS MADE ON THIS LABEL. No agent of Mebrom is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. To the extent consistent with applicable law, MEBROM CORP DISCLAIMS ANY LIABILITY WHATSOEVER FOR SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.

**LIMITATIONS OF LIABILITY:** To the extent consistent with applicable law, THE EXCLUSIVE REMEDY OF THE USER OR BUYER FOR ANY AND ALL LOSSES, INJURIES OR DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, WHETHER IN CONTRACT, WARRANTY, TORT, NEGLIGENCE, STRICT LIABILITY OR OTHERWISE, SHALL NOT EXCEED THE PURCHASE PRICE PAID, OR AT MEBROM CORP'S ELECTION, THE REPLACEMENT OF PRODUCT.

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

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



**WARNING:**

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