



## OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

WASHINGTON, D.C. 20460

March 22, 2024

Brien O'Loughlin  
Agent  
VGC, LLC  
c/o Pyxis Regulatory Consulting Inc.  
4110 136th St. Ct. NW  
Gig Harbor, WA 98332

Subject: Notification per PRN 98-10 – adding the equivalent net weight and other minor updates  
Product Name: Ethephon MUP  
EPA Registration Number: 90443-2  
Application Date: 1/20/2022  
Case Number: 480243

Dear Brien O'Loughlin:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 for the above referenced product. The Registration Division (RD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action requested falls within the scope of PRN 98-10.

The label submitted with the application has been stamped "NOTIFICATION" and placed in our records.

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 (FIFRA) 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) lists 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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Case No. 480243

If you have any questions, please contact Yasmin Bowers at 202-566-2507 or  
Bowers.Yasmin@epa.gov.

Regards,

A handwritten signature in black ink, appearing to read "Yasmin Bowers". The signature is fluid and cursive, with the first name "Yasmin" and last name "Bowers" clearly distinguishable.

Yasmin Bowers, Risk Manager  
Registration Division (7505T)  
Office of Pesticide Programs  
U.S. Environmental Protection Agency

Enclosure—stamped label

# NOTIFICATION

90443-2

The applicant has certified that no changes, other than those reported to the Agency have been made to the labeling. The Agency acknowledges this notification by letter dated:

03/22/2024

[Note to Reviewer: [Text] in brackets denotes optional text]

## Ethephon MUP

For Manufacturing Use Only

<b>ACTIVE INGREDIENT:</b>	<b>w/w%</b>
Ethephon ((2-Chloroethyl)phosphonic acid)* .....	75.0%
<b>OTHER INGREDIENTS:</b> .....	25.0%
<b>TOTAL:</b> .....	100.0%

\*CAS No. 16672-87-0

### KEEP OUT OF REACH OF CHILDREN

## DANGER/PELIGRO

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 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>Call a Poison Control Center or doctor for treatment advice.</li> </ul>
If on Skin or Clothing:	<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>
If Swallowed:	<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 a poison control center or doctor.</li> <li>Do not give anything by mouth to an unconscious person.</li> </ul>
<b>NOTE TO PHYSICIAN</b>	
This product contains an organophosphate that inhibits cholinesterase. There is no specific antidote. All treatment should be based on observed signs and symptoms of distress in the patient. Over exposure to materials other than this product may have occurred. Probable mucosal damage may contraindicate the use of gastric lavage.	
<b>HOTLINE 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 1-877-424-7452 for emergency medical treatment information.	

**For Chemical Spill, Leak, Fire, or Exposure, call CHEMTREC: 1-800-424-9300.**

[See side panel for additional Precautionary Statements and Directions for Use.]

#### Manufactured for:

VGC, LLC  
1400 Wewatta St., Suite 400  
Denver, CO 80202-5549

EPA Reg. No. 90443-2

EPA Est. No.

Net Contents: gals ( L)

[Equivalent Net Weight: Lbs. ( Kg)]

Lot No.: See container

[Product of China]

### PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS DANGER/PELIGRO

Corrosive. Causes irreversible eye damage. Causes skin burns. May be fatal if absorbed through skin. Harmful if swallowed. Do not get in eyes, on skin or on clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Wear protective eyewear (goggles, face shield, or safety glasses). Wear coveralls worn over long-sleeved shirt and long pants, socks, chemical-resistant footwear, and waterproof gloves made of barrier laminate, butyl rubber ≥14 mils, neoprene rubber ≥14 mils, nitrile rubber ≥14 mils, polyvinyl chloride (PVC) ≥14 mils, or Viton ≥14 mils. Remove and wash contaminated clothing before reuse.

#### ENVIRONMENTAL HAZARDS

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 OR CHEMICAL HAZARDS

Do not mix or allow coming in contact with oxidizing agents, reducing agents or organic solvents. Hazardous chemical reaction may occur.

#### DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Only for formulation into end-use plant growth regulators for the following uses: (1) uses for which USEPA has accepted the required data and/or citations of data that the formulator has submitted in support of registration; (2) uses for experimental purposes that are in compliance with USEPA; (3) **Terrestrial food uses:**

Apple	Cotton	Squash (hybrid seed production)
Barley	Cucumber (hybrid seed production)	Sugarcane
Blackberry	Grape	Tomato
Blueberry	Pepper	Walnut
Cantaloupe	Pineapple	Wheat
Cherry (sweet and tart)	Pumpkin (hybrid seed production)	
Coffee		

**Terrestrial Non-Food Uses:** Mistletoe, ornamentals, ornamental carob (fruit elimination), ornamental olives (fruit elimination), tobacco (flue-cured), grasses for seed production, and golf course turfgrass (tees, greens, and fairways).

**Greenhouse Food Crop:** Tomato

## STORAGE AND DISPOSAL

DO NOT contaminate water, food or feed by storage or disposal.

**STORAGE:** Store in a cool, dry place away from food, feed, and other pesticides. If spilled: If container is leaking or material spilled, follow all precautions indicated above and clean up immediately. Before cleaning, put on full-length pants, long-sleeved shirt, protective gloves and goggles or face shield. Soak up spill with absorbent media such as sand, earth or other suitable material and dispose of waste at an approved waste disposal facility.

**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:

**Nonrefillable Containers larger than 5 gallons:** Nonrefillable container. Do not reuse or refill this container. Triple rinse or pressure rinse container (or equivalent) promptly after emptying. **Triple rinse as follows:** Empty the remaining contents into manufacturing equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth ensuring at least one complete revolution for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into formulation equipment or store rinsate for later use or disposal. Repeat this procedure two more times. **Pressure rinse as follows:** Empty the remaining contents into manufacturing equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over manufacturing equipment or mix tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container, and rinse at about 40 psi for at least 30 seconds. Drain for 10 seconds after the flow begins to drip. Then offer for recycling if available or puncture and dispose of in a sanitary landfill or by other procedures approved by State and local authorities.

## WARRANTY DISCLAIMER

The directions for use of this product must be followed carefully. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, (1) THE GOODS DELIVERED TO YOU ARE FURNISHED "AS IS" BY MANUFACTURER OR SELLER AND (2) MANUFACTURER AND SELLER MAKE NO WARRANTIES, GUARANTEES, OR REPRESENTATIONS OF ANY KIND TO BUYER OR USER, EITHER EXPRESS OR IMPLIED, OR BY USAGE OF TRADE, STATUTORY OR OTHERWISE, WITH REGARD TO THE PRODUCT SOLD, INCLUDING, BUT NOT LIMITED TO MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, USE, OR ELIGIBILITY OF THE PRODUCT FOR ANY PARTICULAR TRADE USAGE. UNINTENDED CONSEQUENCES, INCLUDING BUT NOT LIMITED TO INEFFECTIVENESS, MAY RESULT BECAUSE OF SUCH FACTORS AS THE PRESENCE OR ABSENCE OF OTHER MATERIALS USED IN COMBINATION WITH THE GOODS, OR THE MANNER OF USE OR APPLICATION, INCLUDING WEATHER, ALL OF WHICH ARE BEYOND THE CONTROL OF MANUFACTURER OR SELLER AND ASSUMED BY BUYER OR USER. THIS WRITING CONTAINS ALL OF THE REPRESENTATIONS AND AGREEMENTS BETWEEN BUYER, MANUFACTURER AND SELLER, AND NO PERSON OR AGENT OF MANUFACTURER OR SELLER HAS ANY AUTHORITY TO MAKE ANY REPRESENTATION OR WARRANTY OR AGREEMENT RELATING IN ANY WAY TO THESE GOODS.

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If you do not agree with or do not accept any of directions for use, the warranty disclaimers, or limitations on liability, do not use the product, and return it unopened to the Seller, and the purchase price will be refunded.

[20211117Internal label code]