



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

January 8, 2021

Rebecca Hargadine  
Registration Specialist  
Orion GFS LLC  
340 W. 32<sup>nd</sup> St., #383  
Yuma, AZ 85364

Subject: Notification per PRN 98-10 – Updating storage and disposal statement  
Product Name: Glufosinate – Ammonium Technical  
EPA Registration Number: 88685-1  
Application Date: 11/05/2020  
Decision Number: 568184

Dear Ms. Hargadine,

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 will be 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 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.

If you have any questions, you may contact please contact Sayed Islam at 703-347- 0290 or by email at [islam.sayed@epa.gov](mailto:islam.sayed@epa.gov).

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Sincerely,

A handwritten signature in black ink, appearing to read "Erik Kraft". The signature is written in a cursive style with a large initial "E" and a long, sweeping tail.

Erik Kraft, Product Manager 24  
Fungicide and Herbicide Branch  
Registration Division (7505P)  
Office of Pesticide Programs

NOTIFICATION

88685-1

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:

01/08/2021

# GLUFOSINATE-AMMONIUM TECHNICAL

## A Herbicide For Formulation Purposes Only

**ACTIVE INGREDIENT:**

Glufosinate-ammonium:

ammonium 2-amino-4(hydroxymethylphosphinyl)butanoate [CAS No. 77182-82-2].....98.6%

**OTHER INGREDIENTS:** .....1.4%

**TOTAL** .....100.0%

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION**

<b>FIRST AID</b>	
<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 on skin</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 physician for treatment advice.</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>
<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>Note to Physician:</b> Glufosinate-ammonium is a glutamine synthetase inhibitor and can interfere with neurotransmitter function. Symptoms may be delayed by up to 48 hours following ingestion. There is no specific antidote. If ingested, endotracheal intubation and gastric lavage should be performed as soon as possible followed by charcoal and sodium sulfate administration.	
For medical emergencies call the National Poison Control Center 1-800-222-1222. Have the product container or label with you when calling a Poison Control Center or doctor or going for treatment.	

**For MEDICAL emergencies call the National Poison Control Center at 1-800-222-1222 and for TRANSPORTATION emergencies call Chemtrec at 1-800-424-9300.**

**Manufactured for:**  
**Orion GFS, LLC**  
**12230 E. Del Norte**  
**Yuma, AZ 85367**  
**tel. 928-342-3489**

**EPA Registration No. 88685-1**  
**EPA Est. No. \_\_\_\_\_**  
**Net Contents: \_\_\_\_\_**

**PRECAUTIONARY STATEMENTS**  
**Hazards to Humans and Domestic Animals**  
**CAUTION**

Harmful if swallowed or absorbed through skin or inhaled. Avoid breathing dust. Causes moderate eye irritation. Avoid contact with skin, eyes or clothing. 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. Wear protective eyewear.

**ENVIRONMENTAL HAZARDS**

Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or 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. 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.**

This product may be used only to formulate end-use products:

(1) with the following uses:

- weed control of emerged weeds in noncrop areas
- control of weeds and grasses in industrial areas
- weed control in citrus fruit (Crop Group 10-10), pome fruit (Crop Group 11-10), stone fruit (Crop Group 12-12), berries, canola, corn, cotton, grapes, olives, soybeans, sugar beets, and tree nuts (Crop Group 14) including pistachios
- weed control prior to emergence of canola, sweet corn, corn, cotton, soybean and sugar beets
- post emergence weed control in cotton using a hooded sprayer
- desiccation of potato vines
- weed control in canola, corn, cotton, soybeans and sugar beets containing the LibertyLink trait
- for elimination of canola, corn, soybean, and cotton plants in seed production not containing the LibertyLink trait;

(2) uses for which the U.S. EPA has accepted the required data and/or citations of data that the formulator has submitted in support of registration;

(3) specific uses not listed on the manufacturing product label if the formulator, user group or grower has complied with U.S. EPA submission requirements regarding support of such uses; and

(4) 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 and disposal.

**Pesticide Storage:** Store in original container tightly closed and in a safe place.

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

**Container Handling:**

**Fiber Drum with Plastic Liner**

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 processing equipment. Then dispose of liner in a sanitary landfill or by incineration if allowed by State and local authorities. Offer the drum for recycling, if available.

**Supersack:**

Nonrefillable container. Do not reuse or refill this container. Completely empty bag into application equipment. When empty, dispose of bag in a sanitary landfill or by incineration, or offer for recycling, if available. Do not burn, unless allowed by State or local authorities. If burned, stay out of smoke.

**CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY NOTICE:** Read the entire Directions for Use and Conditions of Sale and 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.

The Directions for Use of this product must be followed carefully. The Directions for Use of this product reflect the opinion of experts based on field use and tests. 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 manner of use or application, weather or crop conditions, presence of other materials or other influencing factors in the use of the product, which are beyond the control of ORION GFS, LLC or Seller. Handling, storage, and use of the product by Buyer or User are beyond the control of ORION GFS, LLC and Seller. To the extent consistent with applicable law, all such risks shall be assumed by Buyer and User, and Buyer and User agree to hold ORION GFS, LLC and Seller harmless for any claims relating to such factors.

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