



U.S. ENVIRONMENTAL PROTECTION AGENCY  
 Office of Pesticide Programs  
 Registration Division (7505T)  
 1200 Pennsylvania Ave., N.W.  
 Washington, D.C. 20460

EPA Reg. Number:

11603-65

Date of Issuance:

4/18/24

NOTICE OF PESTICIDE:

Registration  
 Reregistration  
 (under FIFRA, as amended)

Term of Issuance:

Unconditional

Name of Pesticide Product:

Glufosinate-Ammonium Technical

Name and Address of Registrant (include ZIP Code):

ADAMA Agan, Ltd.  
 c/o Makhteshim Agan of North America, Inc. (d/b/a ADAMA)  
 3120 Highwoods Blvd., Suite 100  
 Raleigh, NC 27604

**Note:** Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA).

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is unconditionally registered in accordance with FIFRA section 3(c)(5) provided that you:

1. Submit and/or cite all data required for registration/reregistration/registration review of your product when the Agency requires all registrants of similar products to submit such data.

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Signature of Approving Official:

Lydia Crawford, Acting Product Manager 24  
 Fungicide & Herbicide Branch, Registration Division (7505T)

Date:

4/18/24

2. Make the following label changes before you release the product for shipment:
  - Revise the EPA Registration Number to read, "EPA Reg. No. 11603-65."
3. Submit one copy of the final printed label for the record before you release the product for shipment.

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 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.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6. Your release for shipment of the product constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records.

The record for this product currently contains the following CSF(s):

- Basic CSF dated 9/01/2023
- Alternate CSF 1 dated 9/01/2023
- Alternate CSF 2 dated 9/01/2023
- Alternate CSF 3 dated 9/20/2023
- Alternate CSF 4 dated 9/01/2023

If you have any questions, please contact Francisco Llarena-Arias at 202-566-2816 or at [llarena-arias.francisco@epa.gov](mailto:llarena-arias.francisco@epa.gov).

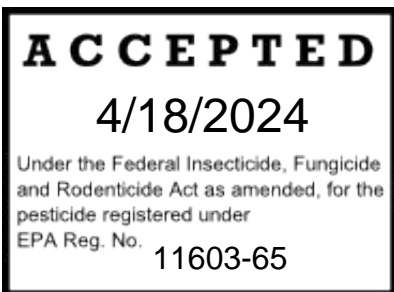
Enclosure

# GLUFOSINATE-AMMONIUM TECHNICAL

Only For Use in the Manufacture of Herbicides

<b>ACTIVE INGREDIENT:</b>	<b>%BY WT.</b>
Glufosinate-ammonium*: ammonium 2-amino 4(hydroxymethylphosphinyl)butanoate).....	98.0%
<b>OTHER INGREDIENTS:</b> .....	2.0%
	<b>TOTAL 100.0%</b>

\*CAS No. 77182-82-2



**KEEP OUT OF REACH OF CHILDREN  
CAUTION**

**Manufactured for:**  
ADAMA Agan Ltd.  
c/o Makhteshim Agan of North America, Inc. (d/b/a ADAMA)  
8601 Six Forks Road, Suite 300  
Raleigh, NC 27615

EPA Reg. No. 11603-xx

EPA EST. No. \_\_\_\_\_

NET WEIGHT: \_\_\_\_\_

First Aid	
<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 person sip a glass of water if able to swallow.</li><li>• <b>DO NOT</b> induce vomiting unless told to do so by the poison control center or doctor.</li><li>• <b>DO NOT</b> give anything by mouth to an unconscious person.</li></ul>
<b>If on skin or clothing</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 doctor for 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>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>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.	
<ul style="list-style-type: none"><li>- For medical emergency treatment, call 1-800-222-1222.</li><li>- For non-emergency information on this product, call 1-866-406-6262, or contact the National Pesticides Information Center (NPIC) at 1-800-858-7378, Monday through Friday, 8 AM to 12 PM PST, or at <a href="http://npic.orst.edu">http://npic.orst.edu</a>.</li><li>- Have the product container or label with you when calling a poison control center or doctor or going for treatment.</li><li>- You may also contact 1-877-250-9291 for emergency medical treatment information.</li></ul>	

## PRECAUTIONARY STATEMENTS

### Hazards to Humans and Domestic Animals

**CAUTION.** Harmful if swallowed. Harmful if absorbed through skin. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. 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 effluents containing this product or sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

## DIRECTIONS FOR USE

**It is a violation of Federal law to use this product in a manner inconsistent with its labeling. DO NOT** use this product until you have read the entire label.

This product is intended for formulation into end-use products:

- 1) with the following uses:
  - **Terrestrial Non-food Uses:** Vegetation control and management in non-agricultural (noncrop areas) including: for control of weeds and grasses on golf courses, in native grass areas, in ornamental production, for landscaping in commercial/residential/industrial areas, and in conifer/hardwood/Christmas tree production areas (including nurseries and plantations)
  - **Residential Outdoors**
  - **Terrestrial Food uses:** almond, apple, banana, citrus fruit (Crop Group 10-10), pome fruit (Crop Group 11-10), stone fruit (Crop Group 12-12), blueberry (highbush and lowbush), currant, elderberry, gooseberry, huckleberry, juneberry, lingonberry, canola\*, corn (field and sweet)\*, cotton\*, grain aspirated fractions, grapes, olives, salal, soybeans\*, sugar beets\*, potatoes, potato vine desiccation, and tree nut (Crop Group 14-12) including pistachios  
\*Including glufosinate-ammonium resistant corps
  - For elimination of non-glufosinate-ammonium resistant canola, corn, soybean, sugar beet, and cotton plants in seed production
- 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 or 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 or disposal.

**PESTICIDE STORAGE:** Store in a cool, dry place.

**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:**

#### **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.

#### **PLASTIC 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. Nonrefillable Container (flexible-bag-all weights): Nonrefillable container. **DO NOT** reuse or refill this container. Offer for recycling if available. Completely empty bag into formulation equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or if allowed by State and local authorities, by burning. If burned, stay out of smoke.

### **LIMITATION OF WARRANTY AND LIABILITY**

Read the entire directions for use, conditions 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 **CONDITIONS, DISCLAIMER OF WARRANTIES, and LIMITATIONS OF LIABILITY.**

**CONDITIONS:** The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Crop injury, ineffectiveness, or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of ADAMA. All such risks shall be assumed by the user or buyer.

**DISCLAIMER OF WARRANTIES:** To the extent consistent with applicable law, ADAMA 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 ADAMA is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. To the extent consistent with applicable law, ADAMA 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 ADAMA's election, the replacement of product.

GLUFOSINATE-AMMONIUM TECHNICAL – pending – 03-05-2024