

59639-154

12/14/2010

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**U.S. ENVIRONMENTAL PROTECTION  
AGENCY****Office of Pesticide Programs  
Registration Division (7505P)  
Ariel Rios Building  
1200 Pennsylvania Ave., NW  
Washington, D.C. 20460**

EPA Reg. Number:

**59639-154**

Date of Issuance:

**DEC 14 2010****NOTICE OF PESTICIDE:**☒ Registration☐ Reregistration

(under FIFRA, as amended)

Term of Issuance:

**conditional**

Name of Pesticide Product:

**Imazosulfuron Technical**

Name and Address of Registrant (include ZIP Code):

**Valent U.S.A. Corporation****P.O. Box 8025****Walnut Creek, CA 94596-8025**

~~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/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act. 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 conditionally registered in accordance with FIFRA provided that you:

1. Submit and/or cite all data required for registration review/reregistration of your product when the Agency requires all registrants of similar products to submit data.
2. Make the following label revisions:
  - a. Revise "EPA REG. NO. 59639-RLU" to "EPA REG. NO. 59639-154." Assure that the establishment symbol and net contents are also added to the final printed label.
  - b. Add the following Environmental Hazards statement:  
"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 into sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA."
3. Submit samples and a copy of the analytical enforcement method to:  
EPA Analytical Lab, 701 Mapes Rd, Ft. Meade, MD, 20755-5350.

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Signature of Approving Official:

**James A. Tompkins  
Project Manager 25  
Herbicide Branch  
Registration Division (7505P)**

Date:

**DEC 14 2010**

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4. The following studies are being required as a condition of registration and must be submitted to the Agency within 2 years from the date of this registration notice:

- 870.7800 Immunotoxicity . EPA began requiring functional immunotoxicity testing of all food and non-food use pesticides on December 26, 2007.
- 860.1360 Multiresidue Methods . The following additional information must be provided concerning the multiresidue methods testing for imazosulfuron: the petitioner must explain why testing for imazosulfuron under Protocol D through the complete method without cleanup was not conducted or provide the results of testing without cleanup.
- 860.1380 Storage Stability . The final report(s) of the storage stability studies must be submitted, reflecting frozen storage intervals of up to 11.8 months for peppers, up to 34.5 months for rice grain, and up to 17.3 months for tomatoes. Interim data indicate that imazosulfuron is stable in frozen storage; however, the final reports are needed to confirm its stability.
- 860.1850 Confined Accumulation in Rotational Crops . The HPLC profile for the pyrimidinyl (Py)-label grain storage stability analysis must be submitted to confirm that the metabolite profile was stable in Py-label grain.
- 860.1900 Field Accumulation in Rotational Crops . The grain (wheat) rotational crop study is needed to identify maximum levels of residues in grain and livestock feed items (forage, straw) as a function of the plantback interval. On an interim basis, a plantback interval of 12 months is being imposed for grains and soybeans. The confined rotational crop study showed that residues will be negligible ( $<0.01$  ppm) on forage, hay, straw, stover, and grain at a 365 day plantback interval. The results of the field rotational crop study may allow a shorter plantback interval.
- 850.1075, 850.1300, 850.1300 Acute Toxicity (for a degradate of imazosulfuron). Mammals showed increased sensitivity to exposure of the degradate IPSN as compared to the parent, imazosulfuron. Although the calculated RQs did not exceed the LOCs for mammals, there is still uncertainty regarding the acute toxicity of IPSN to fish, aquatic invertebrates (water column-dwelling), and aquatic non-vascular plants exposed to the degradate. Studies (Guideline numbers: 850.1075 for fish, 850.1300 for invertebrates, and 850.5400 for non-vascular plants) addressing the effects of IPSN on aquatic organisms are therefore required as a condition of registration to address this uncertainty and confirm that LOCs for aquatic species are not exceeded.
- 850.2100 Avian Acute Oral Toxicity . The recently revised FIFRA data requirements (CFR 40 Part 158) require an avian acute oral toxicity study be conducted using a passerine species (Passeriformes).

5. Submit production information (in pounds or gallons of product) for this product for the fiscal year in which the uses on this label are conditionally registered, in accordance with FIFRA §29. The fiscal year begins October 1 and ends September 30. The production information will be submitted to the Agency no later than November 15, following the end of the preceding fiscal year.

This information must be submitted to:

Mr. Owen F. Beeder  
U.S. Environmental Protection Agency  
Office of Pesticide Programs  
Registration Division (7505P)  
1200 Pennsylvania Avenue, NW  
Washington, DC 20460

6. Submit one (1) copy of the revised final printed label for the record.

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

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# Imazosulfuron Technical

(HERBICIDE)

THIS HERBICIDE FOR FORMULATING USE ONLY.

Active Ingredient	
*Imazosulfuron .....	99.5%
Other Ingredients .....	0.5%
Total .....	100.0%

\*2-chloro-N-[[[4,6-dimethoxy-2-pyrimidinyl)-amino]carbonyl]imidazo[1,2-a]pyridine-3-sulfonamide

KEEP OUT OF REACH OF CHILDREN

## CAUTION

See next page for additional Precautionary Statements

ACCEPTED  
with COMMENTS  
In EPA Letter Dated:  
DEC 14 2010

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

59639-154

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

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

**FIRST AID**

- |                                |   |
|--------------------------------|---|
| <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 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 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>   |

**HOT LINE NUMBER**

Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact **800-892-0099** for emergency medical treatment information.

**INSTRUCTIONS FOR FORMULATION**

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

**READ ENTIRE LABEL. USE STRICTLY IN ACCORDANCE WITH PRECAUTIONARY STATEMENTS AND DIRECTIONS, AND WITH APPLICABLE STATE AND FEDERAL REGULATIONS.**

**DISCLAIMER, RISKS OF USING THIS PRODUCT,  
LIMITED WARRANTY  
AND LIMITATION OF LIABILITY**

**IMPORTANT:** Read the entire Label including this Disclaimer, Risks of Using this Product, Limited Warranty, and Limitation of Liability before using this product. If the terms are not acceptable THEN DO NOT USE THE PRODUCT; rather, return the unopened product within 15 days of purchase for a refund of the purchase price.

**RISKS OF USING THIS PRODUCT**

The Buyer and User (referred to collectively herein as "Buyer") of this product should be aware that there are inherent unintended risks associated with the use of this product which are impossible to eliminate. These risks include, but are not limited to, injury to plants and crops to which this product is applied, lack of control of the target pests or weeds, resistance of the target pest or weeds to this product, injury caused by drift, and injury to rotational crops caused by carryover in the soil. Such risks of crop injury, non-performance, resistance or other unintended consequences are unavoidable and may result because of such factors as weather, soil conditions, disease, moisture conditions, irrigation practices, condition of the crop at the time of application, presence of other materials either applied in the tank mix with this product or prior to application of this product, cultural practices or the manner of use or application, (or a combination of such factors) all of which are factors beyond the control of Valent. The Buyer should be aware that these inherent unintended risks may reduce the harvested yield of the crop in all or a portion of the treated acreage, or otherwise affect the crop such that additional care, treatment and expense are required to take the crop to harvest. If the Buyer chooses not to accept these risks, THEN THIS PRODUCT SHOULD NOT BE APPLIED. By applying this product Buyer acknowledges and accepts these inherent unintended risks AND TO THE FULLEST EXTENT ALLOWED BY LAW, AGREES THAT ALL SUCH RISKS ASSOCIATED WITH THE APPLICATION AND USE ARE ASSUMED BY THE BUYER.

Valent shall not be responsible for losses or damages (including, but not limited to, loss of yield, increased expenses of farming the crop or such incidental, consequential or special damages that may be claimed) resulting from use of this product in any manner not set forth on the label. Buyer assumes all risks associated with the use of this product in any manner or under conditions not specifically directed or approved on the label.

**LIMITED WARRANTY**

Valent warrants only that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the label, under average use conditions, when used strictly in accordance with the label and **subject to the Risks of Using This Product as described above. To the extent consistent with applicable law AND AS SET FORTH ABOVE, VALENT MAKES NO OTHER WARRANTIES, EITHER EXPRESSED OR IMPLIED.** No agent or representative of Valent or Seller is authorized to make or create any other express or implied warranty.

**LIMITATION OF LIABILITY**

To the fullest extent allowed by law, Valent or Seller is not liable for any incidental, consequential, indirect or special damages resulting from the use or handling of this product. The limitation includes, but is not limited to, loss of yield on all or any portion of the treated acreage, increased care, treatment or other expenses required to take the crop to harvest, increased finance charges or altered finance ratings, emotional or mental distress and/or exemplary damages. **TO THE FULLEST EXTENT ALLOWED BY LAW, THE EXCLUSIVE REMEDY OF THE BUYER, AND THE EXCLUSIVE MAXIMUM LIABILITY OF VALENT OR SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT SHALL BE THE RETURN OF THE PURCHASE PRICE OF THIS PRODUCT OR, AT THE ELECTION OF VALENT OR SELLER, THE REPLACEMENT OF THE PRODUCT.**

**PROMPT NOTICE OF CLAIM**

To the extent consistent with applicable law allowing such requirements, Valent must be provided notice as soon as Buyer has reason to believe it may have a claim, but in no event later than twenty-one days from date of planting, or twenty-one days from the date of application, whichever is latter, so that an immediate inspection of the affected property and growing crops can be made.

To the extent consistent with applicable law, if Buyer does not notify Valent of any claims, in such period, it shall be barred from obtaining any remedy.

**NO AMENDMENTS**

Valent and Seller offer this product, and Buyer accepts it, subject to the foregoing **Disclaimer, Risks of Using This Product, Limited Warranty and Limitation of Liability**, which may not be modified by any oral or written agreement.

**FOR FORMULATION OF IMAZOSULFURON CONTAINING HERBICIDE PRODUCTS ONLY.**

This product is intended only for use in the formulation of imazosulfuron containing herbicide products. Products formulated with Imazosulfuron Technical will require registration with the Environmental Protection Agency.

**DIRECTIONS FOR USE**

**Only For Formulation Into Herbicide Products Intended For The Following Uses:**

**Terrestrial Non-Food Uses On:**

Turfgrass

**Terrestrial Food Uses On:**

Peppers (Bell and Non Bell), Rice and Tomato

**Uses for which USEPA has accepted the required data and/or citations of data that the formulator has submitted in support of registration; and**

**Uses for experimental purposes that are in compliance with USEPA requirements.**

**STORAGE AND DISPOSAL**

Do not contaminate water, food or feed by storage, disposal or cleaning of equipment.

**PESTICIDE STORAGE**

Keep pesticide in original container.

Store in a cool, dry, secure place.

Do not put formulation or dilute spray solution into food or drink containers.

Not for use or storage in or around the home.

Do not contaminate food or foodstuffs.

Do not store or transport near feed or food.

For help with any spill, leak, fire or exposure involving this material, call day or night (800) 892-0099.

**PESTICIDE DISPOSAL**

Wastes resulting from the use of this product maybe disposed of on site or at an approved waste disposal facility.

**CONTAINER HANDLING**

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 mixing equipment. Dispose of liner and fiber drum in a sanitary landfill.

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**Manufactured for:**

Valent U.S.A. Corporation

P. O. Box 8025

Walnut Creek, CA 94596-8025

[www.valent.com](http://www.valent.com)

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EPA Est. No.

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