

241-344

3/2/2010

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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:

241-344

Date of Issuance:

3.2.10

## NOTICE OF PESTICIDE:

☐ Registration  
☒ Reregistration  
(under FIFRA, as amended)

Term of Issuance:

Name of Pesticide Product:

Topsite 2.5G Herbicide

Name and Address of Registrant (include ZIP Code):

BASF Corporation  
26 Davis Drive  
Research Triangle Park, NC 27709

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 reregistered in accordance with FIFRA section 4(g)(2)(C) provided you:

1. Submit and/or cite all data required for registration/reregistration review of your product when the Agency requires all registrants of similar products to submit data.
2. Make all the following changes to the product label:
  - a. Due to the importance of resistance management to a long-term pest-management strategy, it is suggested that resistance management grouping symbols and statements be included on the labeling as described in PR Notice 2001-5.
  - b. Change the Hazards to Humans and Domestic Animals statement to read as follows:  
"CAUTION Causes moderate eye irritation. **Harmful if absorbed through skin or inhaled.** Avoid contact with eyes, **skin**, or clothing. **Avoid breathing dust.**"
  - c. Change the PPE sentence to read "Some materials that are chemical-resistant to this product **are made of any waterproof material.**"
  - d. On page 2, remove the "General Precautions and Restrictions" section.

Continued on Page 2

Signature of Approving Official:

Jim Tompkins  
Product Manager 25  
Herbicide Branch  
Registration Division (7505P)

Date:

3.2.16

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- e. Move the Maximum Application Rate section from page 2 to the Directions for Use section under an APPLICATION RESTRICTIONS section.
- f. Move the restriction "Application with a spoon, a pump-feed backpack spreader, or a gravity-feed backpack spreader is prohibited." to under an APPLICATION RESTRICTIONS section.
- g. Throughout the label, change the heading from "GENERAL INFORMATION" to "PRODUCT INFORMATION", as the term "general" renders all information contained within to be advisory and unenforceable.
- h. On page 3, move the IMPORTANT and PRODUCT INFORMATION sections to below the Container Disposal section.
- i. Under PRODUCT INFORMATION, change the first sentence to read "Topside 2.5G herbicide **controls** many annual and perennial grasses and broadleaf weeds..."
- j. Under Directions for Use, change the first paragraph to read "It is a violation of federal law to use this product in a manner inconsistent with its labeling. **Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application.**"
- k. Change the Pesticide Disposal statement to read "Wastes resulting from the use of this product **must** be disposed of on site or at an approved waste disposal facility."

The basic confidential statement of formula (CSF) dated December 19, 2008 is acceptable. Refer to the enclosed confidential appendix for comments.

A stamped copy of your label is enclosed for your records. You must submit one (1) copy of the final printed label before you release the product for shipment. Products shipped after twelve (12) months from the date of this notice or the next printing of the label, whichever occurs first, must bear the new revised label. 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.

Enclosure

# TOPSITE<sup>TM</sup>

2.5G herbicide

## For Use In Noncrop Areas

### Active Ingredients:

imazapyr: (2-[4,5-dihydro-4-methyl-4-(1-methylethyl)-5-oxo-1H-imidazol-2-yl]-3-pyridinecarboxylic acid) . . . . . 0.5%  
diuron: (3-[3,4-dichlorophenyl]-1,1-dimethylurea) . . . . . 2.0%

**Other Ingredients:** . . . . . 97.5%

**Total:** . . . . . 100.0%

EPA Reg. No. 241-344

EPA Est. No.

## KEEP OUT OF REACH OF CHILDREN CAUTION/PRECAUCION

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand this label, find someone to explain it to you in detail.)

See inside for complete **First Aid, Precautionary Statements, Directions For Use, Conditions of Sale and Warranty**, and state-specific crop and/or use site restrictions.

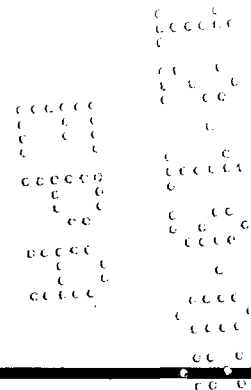
**In case of an emergency endangering life or property involving this product, call day or night 1-800-832-HELP (4357).**

**Net Contents:**

**ACCEPTED  
with COMMENTS  
In EPA Letter Dated:**

3-2-10  
Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended, for the pesticide  
registered under EPA Reg. No.

241-344



FIRST AID	
<b>If in eyes</b>	<ul style="list-style-type: none"> <li>• Hold eyes open and rinse slowly and gently with water for 15 to 20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes; then continue rinsing eyes.</li> <li>• Call a poison control center or doctor for treatment advice.</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 to 20 minutes.</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 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 BASF Corporation for emergency medical treatment information: 1-800-832-HELP (4357).	

## PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**CAUTION.** Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling.

### Personal Protective Equipment (PPE)

Some materials that are chemical resistant to this product are listed below. If you want more options, follow the instructions for **Category A** on an EPA chemical-resistance category selection chart.

### Loaders, applicators, and other handlers must wear:

- Long-sleeved shirt and long pants
- Shoes plus socks
- Chemical-resistant gloves, such as barrier laminate, butyl rubber or polyethylene
- In addition, all applicators using tractor-drawn spreaders and all loaders must wear a NIOSH-approved dust/mist filtering respirator with any N, R, P or HE filter, or a MSHA/NIOSH-approved dust/mist filtering respirator with approval number prefix TC-21C.

Follow manufacturer's instructions for cleaning and maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. **DO NOT** reuse them.

## USER SAFETY RECOMMENDATIONS

### Users should:

- Wash hands with plenty of soap and water before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

## GENERAL PRECAUTIONS AND RESTRICTIONS

**DO NOT** apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application.

**DO NOT** enter or allow others to enter treatment area until dusts have settled.

Application with a spoon, a pump-feed backpack spreader or a gravity-feed backpack spreader is prohibited.

### Maximum Application Rate

**DO NOT** apply more than 300 pounds of **Topsite™ 2.5G herbicide** per acre per season.

Apply a maximum of two applications per season with a minimum retreatment interval of 90 days.

## ENVIRONMENTAL HAZARDS

This product is toxic to plants. Drift and runoff may be hazardous to plants in water adjacent to treated areas. **DO NOT** apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark. **DO NOT** contaminate water when disposing of equipment washwater or rinsate. See **DIRECTIONS FOR USE** for additional precautions and requirements.

## PHYSICAL AND CHEMICAL HAZARDS

**Topsite 2.5G** should be stored only in lined paper bags, stainless steel, fiberglass, plastic and plastic-lined steel containers.

**DO NOT** store **Topsite 2.5G** in unlined steel (except stainless steel) containers.

Keep dry.

## IN CASE OF EMERGENCY

In case of large-scale spillage regarding this product, call:  
 CHEMTREC 1-800-424-9300  
 BASF Corporation 1-800-832-HELP (4357)

In case of medical emergency regarding this product, call:

- Your doctor for immediate treatment
- Your local poison control center (hospital)
- BASF Corporation 1-800-832-HELP (4357)

## IMPORTANT

**DO NOT** use on food or feed crops.

**DO NOT** treat irrigation ditches, or water used for crop irrigation or for domestic uses.

**DO NOT** apply where runoff or irrigation water may flow on to agricultural land as injury to crops may result. Keep from contact with fertilizers, insecticides, fungicides and seeds.

**DO NOT** apply or rinse equipment on or near desirable trees or other plants, or on areas where their roots may extend, or in locations where the chemical may be washed or moved into contact with their roots.

**DO NOT** use on lawns, walks, driveways, tennis courts, or similar areas.

**DO NOT** use in California.

## GENERAL INFORMATION

**Topsite™ 2.5G herbicide** is recommended for control of many annual and perennial grasses and broadleaf weeds on noncropland areas such as railroad, utility, pipeline and highway rights-of-way, petroleum tank farms, pumping installations, fence rows, storage areas, and other similar areas. **Topsite 2.5G** may be applied at any time throughout the year; however, for maximum effectiveness, the product should be applied prior to weed emergence or when weeds are small. In addition, **Topsite 2.5G** should be applied prior to expected rainfall. The degree and duration of control of Kochia and other weed species will depend upon the amount of product applied, the amount of rainfall, soil texture, and other environmental and biological factors.

## DIRECTIONS FOR USE

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

### NONAGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard (WPS) for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.

Noncrop weed control is not within the scope of the Worker Protection Standard. See the **GENERAL INFORMATION** section of this label for a description of noncrop sites.

**DO NOT** enter or allow others to enter treated areas until dusts have settled.

## STORAGE AND DISPOSAL

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

**PESTICIDE STORAGE.** Store in original containers and keep closed. Store in a cool, dry 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 DISPOSAL

(for plastic containers)

**Nonrefillable Container. DO NOT reuse or refill this container.** After completely emptying container into application equipment, offer for recycling, if available, or reconditioning, if appropriate, or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures approved by state and local authorities.

## APPLICATION INSTRUCTIONS

Uniformly apply **Topsite 2.5G** with properly calibrated ground equipment, including handheld spreaders, at a rate of 200 to 300 lbs product per acre (0.50 to 0.7 lb/100 sq ft).

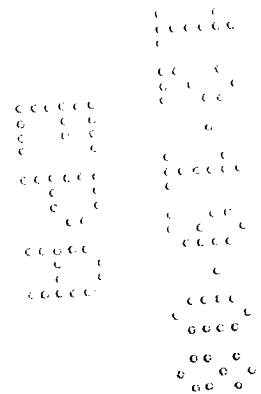
A preemergence/early postemergence application of **Topsite 2.5G** will control many weed species, including:

### Grasses

Annual bluegrass (*Poa annua*)  
Bahagrass (*Paspalum notatum*)  
Barnyardgrass (*Echinochloa crusgalli*)  
Beardgrass (*Andropogon* spp.)  
Bermudagrass (*Cynodon dactylon*)  
Big bluestem (*Andropogon gerardii*)  
Broadleaf signalgrass (*Brachiaria platyphylla*)  
Browntop millet (*Bracharia ramosa*)  
Canada bluegrass (*Poa compressa*)  
Cattail (*Typha* spp.)  
Centipedegrass (*Eremochloa ophiuroides*)  
Cheat (*Bromus secalinus*)  
Crabgrass (*Digitaria* spp.)  
Dallisgrass (*Paspalum dilatatum*)  
Downy brome (*Bromus tectorum*)  
Fall panicum (*Panicum dichotomiflorum*)  
Fescue (*Festuca* spp.)  
Foxtail (*Setaria* spp.)  
Goosegrass (*Eleusine indica*)  
Guineagrass (*Panicum maximum*)  
Italian ryegrass (*Lolium multiflorum*)  
Johnsongrass (*Sorghum halepense*)  
Kentucky bluegrass (*Poa pratensis*)  
Lovegrass (*Eragrostis* spp.)  
Orchardgrass (*Dactylis glomerata*)  
Paragrass (*Brachiaria mutica*)  
Prairie cordgrass (*Spartina pectinata*)  
Prairie threeawn (*Aristida oligantha*)  
Quackgrass (*Agropyron repens*)  
Sandbur (*Cenchrus* spp.)  
Sand dropseed (*Sporobolus cryptandrus*)  
Smooth brome (*Bromus inermis*)  
Timothy (*Phleum pratense*)  
Torpedograss (*Panicum repens*)  
Vaseygrass (*Paspalum urvillei*)  
Wild barley (*Hordeum* spp.)  
Wild iris (*Iris versicolor*)  
Wild oats (*Avena fatua*)  
Wirestem muhly (*Muhlenbergia frondosa*)  
Witchgrass (*Panicum capillare*)

## Broadleaf Weeds

Bigleaf aster (*Aster macrophyllus*)  
 Blue mustard (*Chorispora tenella*)  
 Bull thistle (*Cirsium vulgare*)  
 Burdock (*Arctium* spp.)  
 Buttercup (*Ranunculus testiculatus*)  
 Camphorweed (*Heterotheca subaxillaris*)  
 Canada thistle (*Cirsium arvense*)  
 Carpetweed (*Mollugo verticillata*)  
 Carolina geranium (*Geranium carolinianum*)  
 Clover (*Trifolium* spp.)  
 Cocklebur (*Xanthium strumarium*)  
 Common chickweed (*Stellaria media*)  
 Common ragweed (*Ambrosia artemisiifolia*)  
 Dandelion (*Taraxacum officinale*)  
 Dock (*Rumex* spp.)  
 Dogfennel (*Eupatorium capillifolium*)  
 Eclipta (*Eclipta prostrata*)  
 Filaree (*Erodium* spp.)  
 Fleabane (*Erigeron* spp.)  
 Florida beggarweed (*Desmodium tortuosum*)  
 Florida pusley (*Richardia scabra*)  
 Giant ragweed (*Ambrosia trifida*)  
 Hoary vervain (*Verbena stricta*)  
 Horsetweed (*Conyza canadensis*)  
 Indian mustard (*Brassica juncea*)  
 Kochia (*Kochia scoparia*)  
 Lambsquarters (*Chenopodium album*)  
 Lespedeza (*Lespedeza* spp.)  
 Little mallow (*Malva parviflora*)  
 Milkweed (*Asclepias* spp.)  
 Miner's lettuce (*Montia perfoliata*)  
 Mullein (*Verbascum* spp.)  
 Nettleleaf goosefoot (*Chenopodium murale*)  
 Oxeye daisy (*Chrysanthemum leucanthemum*)  
 Pepperweed (*Lepidium* spp.)  
 Pigweed (*Amaranthus* spp.)  
 Plantain (*Plantago* spp.)  
 Poison hemlock (*Conium maculatum*)  
 Pokeweed (*Phytolacca americana*)  
 Primrose (*Oenothera kunthiana*)  
 Prostrate knotweed (*Polygonum aviculare*)  
 Purslane (*Portulaca* spp.)  
 Silverleaf nightshade (*Solanum elaeagnifolium*)  
 Smartweed (*Polygonum* spp.)  
 Sorrel (*Rumex* spp.)  
 Sowthistle (*Sonchus* spp.)  
 Sunflower (*Helianthus* spp.)  
 Sweet clover (*Melilotus* spp.)  
 Tansymustard (*Descurainia pinnata*)  
 Texas thistle (*Cirsium texanum*)  
 Western ragweed (*Ambrosia psilostachya*)  
 White heath aster (*Aster pilosus*)  
 Wild carrot (*Daucus carota*)  
 Wild lettuce (*Lactuca* spp.)  
 Wild parsnip (*Pastinaca sativa*)  
 Wild turnip (*Brassica campestris*)  
 Woollyleaf bursage (*Franseria tomentosa*)  
 Yellow starthistle (*Centaurea solstitialis*)  
 Yellow woodsorrel (*Oxalis stricta*)



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## Conditions of Sale and Warranty

The **Directions For Use** of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and must be followed carefully. However, 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 weather conditions, presence of other materials, or use of the product in a manner inconsistent with its labeling, all of which are beyond the control of BASF CORPORATION ("BASF") or the Seller. To the extent consistent with applicable law, all such risks shall be assumed by the Buyer.

BASF warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the **Directions For Use**, subject to the inherent risks, referred to above.

**TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BASF MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR MERCHANTABILITY OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.**

**TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BUYER'S EXCLUSIVE REMEDY AND BASF'S EXCLUSIVE LIABILITY, WHETHER IN CONTRACT, TORT, NEGLIGENCE, STRICT LIABILITY, OR OTHERWISE, SHALL BE LIMITED TO REPAYMENT OF THE PURCHASE PRICE OF THE PRODUCT.**

**TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BASF AND THE SELLER DISCLAIM ANY LIABILITY FOR CONSEQUENTIAL, EXEMPLARY, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.**

BASF and the Seller offer this product, and the Buyer and User accept it, subject to the foregoing **Conditions of Sale and Warranty** which may be varied only by agreement in writing signed by a duly authorized representative of BASF.

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Research Triangle Park, NC 27709



The Chemical Company