

241-344

08-28-2007

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U.S. Environmental Protection Agency  
Office of Pesticide Programs  
Registration Division (7505C)  
1200 Pennsylvania Ave., N.W.  
Washington, D.C. 20460

EPA Reg. Number:  
241-344

Date of Issuance:  
AUG 28 2007

Term of Issuance:

Name of Pesticide Product:  
Topsite 2.5 G Herbicide

NOTICE OF PESTICIDE:

Registration  
 Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

BASF Corporation  
26 Davis Dr.  
Research Triangle Park, NC 27709-3528

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 reregistered in accordance with FIFRA provided you agree in writing to:

- 1. Add an appropriate EPA Establishment Number to the label.

You will submit one (1) copy of your final printed labeling before you release the product for shipment. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). A stamped copy of labeling is enclosed for your records.

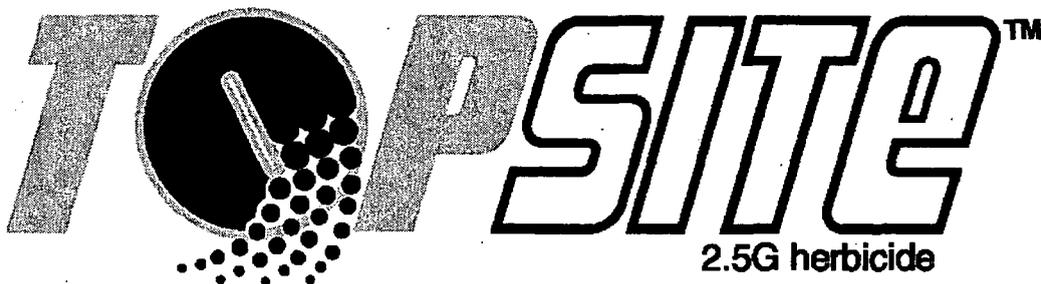
Signature of Approving Official:

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

Date:

8-28-07

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## For Use On Specified 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. 241-xx-xxx

**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.)

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

**See inside booklet for complete First Aid, Precautionary Statements, Directions For Use and Conditions of Sale and Warranty.**

**Net Contents:** \_\_\_\_\_

BASF Corporation  
 Agricultural Products  
 26 Davis Drive  
 Research Triangle Park, NC 27709

ACCEPTED  
 with COMMENTS  
 in EPA Letter Dated

AUG 28 2007

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

241-344

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## FIRST AID

**IF IN EYES:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing. Call a poison control center or doctor for treatment advice.

**IF ON SKIN OR CLOTHING:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

**IF INHALED:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.

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. Harmful if absorbed through skin. Avoid contact with eyes, skin or clothing. Harmful if inhaled. Avoid breathing dust.

#### 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.

All mixers, loaders, applicators, and other handlers must wear:

- Long-sleeved shirt, 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 and MSHA/NOISH-approved dust/mist filtering respirator with approval number prefix TC-21C.

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Follow manufacturers instructions for cleaning/maintaining PPE. If no instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

### USER SAFETY RECOMMENDATIONS

Users should:

1. Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet.
2. Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
3. 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 (6 lbs diuron active ingredient) 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.

### PHYSICAL AND CHEMICAL HAZARDS

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

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

Keep dry.

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## ENVIRONMENTAL HAZARDS

**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 washwaters or rinsate. This product is toxic to plants. Drift and run-off may be hazardous to plants in water adjacent to treated areas. Apply this product only as specified on this label.

### 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 onto 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. Use of this product in certain portions of Oregon and Washington is subject to the January 22, 2004 Order for injunctive relief in Washington Toxics Coalition, et al. vs. EPA, C010132C, (W.D. WA). For further information, please refer to: [www.epa.gov/espp](http://www.epa.gov/espp).

### GENERAL INFORMATION

**Topsite™ 2.5G herbicide** may be used for control of many annual and perennial grasses and broadleaf weeds on the following noncropland areas: railroad, utility, pipeline and highway rights-of-way, petroleum tank farms, pumping installations, fence rows and storage areas. TOPSITE 2.5G herbicide 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** 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.

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## DIRECTIONS FOR USE

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

## STORAGE AND DISPOSAL

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

**PESTICIDE STORAGE:** Store in a dry location.

**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 BAG:** Completely empty bag into application 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.

**CONTAINER DISPOSAL FOR PAIL:** Triple rinse (or equivalent). Then offer for recycling dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

## APPLICATION INSTRUCTIONS

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

A preemergent/early postemergent application of **Topsite** will control many weed species, including the following:

### GRASSES

|                       |                                   |
|-----------------------|-----------------------------------|
| Annual bluegrass      | ( <u>Poa annua</u> )              |
| Bahiagrass            | ( <u>Paspalum notatum</u> )       |
| Barnyardgrass         | ( <u>Echinochloa crusgalli</u> )  |
| Beardgrass            | ( <u>Andropogon spp.</u> )        |
| Bermudagrass          | ( <u>Cynodon dactylon</u> )       |
| Big bluestem          | ( <u>Andropogon gerardii</u> )    |
| Broadleaf signalgrass | ( <u>Brachiaria platyphylla</u> ) |
| Browntop millet       | ( <u>Brachiaria ramosa</u> )      |
| Canada bluegrass      | ( <u>Poa compressa</u> )          |
| Cattail               | ( <u>Typha spp.</u> )             |
| Centipedegrass        | ( <u>Eremochloa ophiuroides</u> ) |
| Cheat                 | ( <u>Bromus secalinus</u> )       |

|                    |                                    |
|--------------------|------------------------------------|
| Crabgrass          | ( <u>Digitaria</u> spp.)           |
| Dallisgrass        | ( <u>Paspalum dilatatum</u> )      |
| Downy brome        | ( <u>Bromus tectorum</u> )         |
| Fall panicum       | ( <u>Panicum dichotomiflorum</u> ) |
| Fescue             | ( <u>Festuca</u> spp.)             |
| Foxtail            | ( <u>Setaria</u> spp.)             |
| Goosegrass         | ( <u>Eleusine indica</u> )         |
| Guineagrass        | ( <u>Panicum maximum</u> )         |
| Italian ryegrass   | ( <u>Lolium multiflorum</u> )      |
| Johnsongrass       | ( <u>Sorghum halepense</u> )       |
| Kentucky bluegrass | ( <u>Poa pratensis</u> )           |
| Lovegrass          | ( <u>Eragrostis</u> spp.)          |
| Orchardgrass       | ( <u>Dactylis glomerata</u> )      |
| Paragrass          | ( <u>Brachiaria mutica</u> )       |
| Prairie cordgrass  | ( <u>Spartina pectinata</u> )      |
| Prairie threeawn   | ( <u>Aristida oligantha</u> )      |
| Quackgrass         | ( <u>Agropyron repens</u> )        |
| Sandbur            | ( <u>Cenchrus</u> spp.)            |
| Sand dropseed      | ( <u>Sporobolus cryptandrus</u> )  |
| Smooth brome       | ( <u>Bromus inermis</u> )          |
| Timothy            | ( <u>Phleum pratense</u> )         |
| Torpedograss       | ( <u>Panicum repens</u> )          |
| Vaseygrass         | ( <u>Paspalum urvillei</u> )       |
| Wild barley        | ( <u>Hordeum</u> spp.)             |
| Wild iris          | ( <u>Iris versicolor</u> )         |
| Wild oats          | ( <u>Avena fatua</u> )             |
| Wirestem muhly     | ( <u>Muhlenbergia frondosa</u> )   |
| Witchgrass         | ( <u>Panicum capillare</u> )       |

**BROADLEAF WEEDS**

|                   |                                     |
|-------------------|-------------------------------------|
| Bigleaf aster     | ( <u>Aster macrophyllas</u> )       |
| Blue mustard      | ( <u>Chorispora tenella</u> )       |
| Bull thistle      | ( <u>Cirsium vulgare</u> )          |
| Burdock           | ( <u>Arctium</u> spp.)              |
| Buttercup         | ( <u>Ranunculus testiculatus</u> )  |
| Camphorweed       | ( <u>Heterotheca subaxillaris</u> ) |
| Canada thistle    | ( <u>Cirsium arvense</u> )          |
| Carpetweed        | ( <u>Mollugo verticillata</u> )     |
| Carolina geranium | ( <u>Geranium carolinianum</u> )    |
| Clover            | ( <u>Trifolium</u> spp.)            |
| Cocklebur         | ( <u>Xanthium strumarium</u> )      |
| Common chickweed  | ( <u>Stellaria media</u> )          |
| Common ragweed    | ( <u>Ambrosia artemisiifolia</u> )  |
| Dandelion         | ( <u>Taraxacum officinale</u> )     |
| Dock              | ( <u>Rumex</u> spp.)                |

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|                       |                                       |
|-----------------------|---------------------------------------|
| Dogfennel             | ( <u>Eupatorium capillifolium</u> )   |
| Eclipa                | ( <u>Eclipta prostrata</u> )          |
| Filaree               | ( <u>Erodium</u> spp.)                |
| Fleabane              | ( <u>Erigeron</u> spp.)               |
| Florida beggarweed    | ( <u>Desmodium tortuosum</u> )        |
| Florida pusley        | ( <u>Richardia scabra</u> )           |
| Giant ragweed         | ( <u>Ambrosia trifida</u> )           |
| Hoary vervain         | ( <u>Verbena stricta</u> )            |
| Horseweed             | ( <u>Conyza canadensis</u> )          |
| Indian mustard        | ( <u>Brassica juncea</u> )            |
| Kochia                | ( <u>Kochia scoparia</u> )            |
| Lambsquarters         | ( <u>Chenopodium album</u> )          |
| Lespedeza             | ( <u>Lespedeza</u> spp.)              |
| Little mallow         | ( <u>Malva parviflora</u> )           |
| Milkweed              | ( <u>Asclepias</u> spp.)              |
| Miners lettuce        | ( <u>Montia perfoliata</u> )          |
| Mullein               | ( <u>Verbascum</u> spp.)              |
| Nettleleaf goosefoot  | ( <u>Chenopodium murale</u> )         |
| Oxeye daisy           | ( <u>Chrysanthemum leucanthemum</u> ) |
| Pepperweed            | ( <u>Lepidium</u> spp.)               |
| Pigweed               | ( <u>Amaranthus</u> spp.)             |
| Plantain              | ( <u>Plantago</u> spp.)               |
| Poison hemlock        | ( <u>Conium maculatum</u> )           |
| Pokeweed              | ( <u>Phytolacca americana</u> )       |
| Primrose              | ( <u>Oenothera kunthiana</u> )        |
| Prostrate knotweed    | ( <u>Polygonum aviculare</u> )        |
| Purslane              | ( <u>Portulaca</u> spp.)              |
| Silverleaf nightshade | ( <u>Solanum elaeagnifolium</u> )     |
| Smartweed             | ( <u>Polygonum</u> spp.)              |
| Sorrell               | ( <u>Rumex</u> spp.)                  |
| Sowthistle            | ( <u>Sonchus</u> spp.)                |
| Sunflower             | ( <u>Helianthus</u> spp.)             |
| Sweet clover          | ( <u>Melilotus</u> spp.)              |
| Tansymustard          | ( <u>Descurainia pinnata</u> )        |
| Texas thistle         | ( <u>Cirsium texanum</u> )            |
| Western ragweed       | ( <u>Ambrosia psilostachya</u> )      |
| White heath aster     | ( <u>Aster pilosus</u> )              |
| Wild carrot           | ( <u>Daucus carota</u> )              |
| Wild lettuce          | ( <u>Lactuca</u> spp.)                |
| Wild parsnip          | ( <u>Pastinaca sativa</u> )           |
| Wild turnip           | ( <u>Brassica campestris</u> )        |
| Woollyleaf bursage    | ( <u>Franseria tomentosa</u> )        |
| Yellow starthistle    | ( <u>Centaurea solstitialis</u> )     |
| Yellow woodsorrel     | ( <u>Oxalis stricta</u> )             |

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## CONDITIONS OF SALE AND WARRANTY

The **Directions For Use** of this product reflects 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 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.

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 **BASF**  
The Chemical Company