

**SSI MAXIM**



**0.5 Granule  
For Use In Noncrop Areas**

**SPECIMEN**

**ACTIVE INGREDIENT:**

Imazapyr (2-[4,5-dihydro-4-methyl-4-(1-methylethy)-5-oxo-1H-imidazol-2-yl]-3-pyridinecarboxylic acid) . . . . .0.5%

**OTHER INGREDIENTS** . . . . .99.5%

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

EPA Reg. No. 34913-23    EPA Est. No. 39578-TX-001

**KEEP OUT OF REACH OF CHILDREN  
CAUTION! ¡PRECAUCIÓN!**

**PRECAUCIÓN AL USUARIO:** Si usted no lee inglés, no use este producto hasta que la etiqueta le haya sido explicada ampliamente.

**In case of emergency endangering life or property involving this product, call day or night, Chemtrec 1-800-424-9300**

**SEE ADDITIONAL PRECAUTIONARY STATEMENTS AND DIRECTIONS FOR USE INSIDE.**



**SSI MAXIM COMPANY, INC.**

P.O. Box 1954 • Kilgore, TX 75663  
1-800-346-4781

**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS  
& DOMESTIC ANIMALS  
CAUTION!**

Avoid contact with eyes, skin, or clothing. Avoid breathing dust. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

Applicators and other handlers must wear:

- Long sleeved shirts and long pants
- Shoes plus socks
- Chemical resistant gloves made of any waterproof material

FIRST AID	
<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 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 person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to do so by a poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
For emergency information, contact <b>CHEMTREC</b> at 1-800-424-9300 (24 hours).	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	

**PHYSICAL AND CHEMICAL HAZARDS**

ARSENAL 0.5 Granule should be mixed and stored only in lined paper bags, stainless steel, fiberglass, plastic and plastic-lined steel containers.

DO NOT mix or store ARSENAL 0.5 Granule in unlined steel (except stainless steel) containers.

**ENVIRONMENTAL HAZARDS**

DO NOT apply directly to water, 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.

**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 drain or flush 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**

ARSENAL 0.5 Granule is applied for control of most annual and perennial grasses and broadleaf weeds.

ARSENAL 0.5 Granule is readily absorbed through the roots and is translocated rapidly throughout the plant, with accumulation in the meristematic regions. Treated plants stop growing soon after application. Chlorosis appears first in the newest leaves, and necrosis spreads from this point. In perennials, the herbicide is translocated into and kills underground storage organs, thus preventing regrowth. Chlorosis and tissue necrosis may not be apparent in some plant species until two weeks after application. Complete kill of plants may not occur for several weeks.

**DISCLAIMER**

The label instructions for the use of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and should be followed carefully. However, it is impossible to eliminate all risks inherently associated with use of this product. Ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the use or application of the product contrary to label instructions, all of which are beyond the control of SSI Maxim Company, Inc. All such risks shall be assumed by the user.

SSI Maxim Company, Inc. warrants only that the material contained herein conforms to the chemical description on the label and is reasonably fit for the use therein described when used in accordance with the directions of use, subject to the risks referred to above.

Any damages arising from a breach of this warranty shall be limited to direct damages and shall not include consequential commercial damages such as loss of profits or values of any other special or indirect damages.

SSI Maxim Company, Inc. makes no other express or implied warranty, including other express or implied warranty of FITNESS or of MERCHANTABILITY.

**DIRECTIONS FOR USE**

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

A preemergence application of ARSENAL 0.5 Granule is recommended for control of most 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. ARSENAL 0.5 Granule may be applied anytime during the growing season before weeds have emerged.

**STORAGE AND DISPOSAL**

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

**PESTICIDE STORAGE:** Store product in original container only, away from other pesticides, fertilizer, food, or feed.

**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 FOR BAG:** Nonrefillable container. Do not reuse or refill this container. Completely empty bag into application equipment. Offer for recycling if available or 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 HANDLING FOR PAIL OR JUG:** Nonrefillable container. Do not reuse or refill this container. Triple rinse (or equivalent) promptly after emptying. Then offer for recycling if available or 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 ARSENAL 0.5 Granule with properly calibrated aerial or ground equipment at a rate of 200 to 300 lbs/A (1.0 to 1.5 lbs. A.E. of product per acre).

A preemergent application of ARSENAL 0.5 Granule will provide residual control of the following target vegetation species:

## GRASSES

ANNUAL BLUEGRASS (*Poa Annua*)  
BAHIAGRASS (*Paspalum notatum*)  
BEARDGRASS (*Andropogon* spp.)  
BERMUDAGRASS (*Cynodon dactylon*)  
BIG BLUESTEM (*Andropogon geradi*)  
BROADLEAF SIGNALGRASS (*Brachiaria platphylla*)  
CANADA BLUEGRASS (*Poa compressa*)  
CATTAIL (*Typha* spp.)  
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 OATS (*Avena fatua*)  
WIRESTEM MUHLY (*Muhlenbergia frondosa*)  
WITCHGRASS (*Panicum capillare*)

## BROADLEAF WEEDS

BULL THISTLE (*Cirsium vulgare*)  
BURDOCK (*Arctium* spp.)  
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*)  
FILAREE (*Erodium* spp.)  
FLEABANE (*Erigeron* spp.)  
GIANT RAGWEED (*Ambrosia trifida*)  
HOARY VERVAIN (*Verbena stricta*)  
HORSEWEED (*Conyza canadensis*)  
INDIAN MUSTARD (*Brassica juncea*)  
LAMBSQUARTERS (*Chenopodium album*)  
LITTLE MALLOW (*Malva parviflora*)  
MILKWEED (*Asclepias* spp.)  
MINERS LETTUCE (*Montia perfoliata*)  
MULLEIN (*Verbascum* spp.)  
NETTLELEAF GOOSEFOOT (*Chenopodium murale*)  
OXEYE DAISY (*Chrysanthemum leucanthemum*)  
PEPPERWEED (*Lepidium* spp.)  
PIGWEEED (*Amaranthus* spp.)  
PLANTAIN (*Plantago* spp.)  
POKEWEED (*Phytolacca americana*)  
PRIMROSE (*Oenothera kunthiana*)  
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*)  
WILD CARROT (*Daucus carota*)  
WILD LETTUCE (*Lactuca* spp.)  
WILD PARSNIP (*Pastinaca sativa*)  
WILD TURNIP (*Brassica campestris*)  
WOOLLYLEAF BURSAGE (*Ambrosia grayi*)  
YELLOW STARHISTLE (*Centaurea solstitialis*)  
YELLOW WOODSORREL (*Oxalis stricta*)



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