

34913-24

5/16/2011

116



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460
OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

Ms. Peggy Galloway
Agent for SSI MAXIM COMPANY, INC.
Landis International, Inc.
P.O. Box 5126
Valdosta, GA 31603-5126

MAY 16 2011

Ms. Galloway:

RE: YOUR ADMINISTRATIVE LETTER DATED APRIL 25, 2011; SSI MAXIM ARSENAL 5G HERBICIDE – IMAZAPYR (A.I.); EPA REG. NO. 34913-24; AMENDED LABEL; AMENDED CONFIDENTIAL STATEMENT OF FORMULA (CSF)

Your basic formulation CSF and alternate formulation CSF, both dated April 20, 2011, are acceptable. All previously submitted formulations are replaced with these two accepted formulations.

Your draft amended label submitted with your April 25, 2011 administrative letter (Company code PMG 041911) is also approved. This label supersedes all previous submitted and accepted labels. A stamped Accepted label is enclosed for your file.

Please submit a copy of the final printed label before shipment of product with this label.

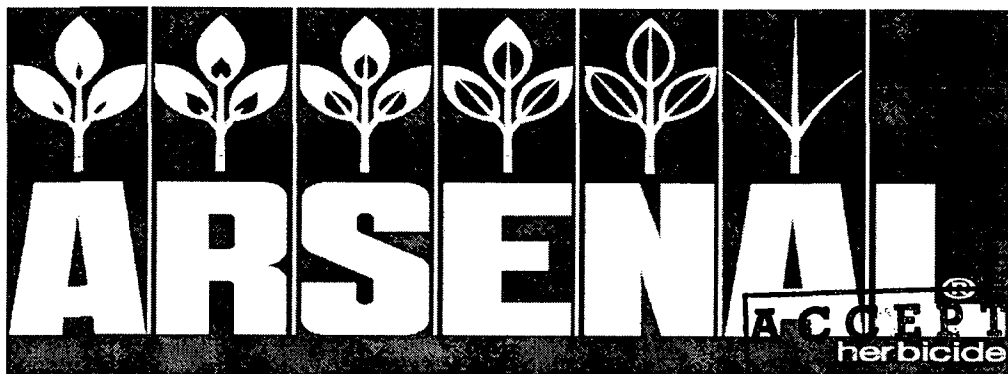
Please contact Phil Errico at 703-305-6663/ errico.philip@epa.gov for assistance in this matter.

Kind Regards,

A handwritten signature in black ink, appearing to read "Kable Bo Davis", with a long horizontal flourish extending to the right.

Kable Bo Davis PM 25
Herbicide Branch/Registration Division 7505P

SSI MAXIM



5G

For Use In Loblolly Pine Forests and
Noncrop Areas

ACCEPTED
herbicide
MAY 16 2011
Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
this product has been found to be
registered under
EPA Reg. No. 34913-24

EPA Reg. No. 34913-24

EPA Est. No. 39578-TX-1

ACTIVE INGREDIENT:

Imazapyr (2-[4,5-dihydro-4-methyl-4-(1-methylethyl)-5-oxo-1 H-imidazol-2-yl]-3-pyridinecarboxylic acid).....5.0%

OTHER INGREDIENTS95.0%

TOTAL100.0%

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

PRECAUCION

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

FIRST AID

IF IN EYES:	<ul style="list-style-type: none">• 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 eye.• Call a poison control center or doctor for treatment advice.
IF ON SKIN OR CLOTHING:	<ul style="list-style-type: none">• 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 SWALLOWED;	<ul style="list-style-type: none">• Call a poison control center or doctor immediately for treatment advice.• Have person sip a glass of water if able to swallow.• Do not induce vomiting unless told to do so by a poison control center or doctor.• Do not give anything by mouth to an unconscious person.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For emergency information concerning this product, call the National Pesticides Information Center (NPIC) at 1-800-858-7378 seven days a week, 6:30 am to 4:30 pm Pacific Time (NPIC Web site: www.npic.orst.edu)

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

CAUTION!

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

Personal Protective Equipment (PPE)

Some materials that are chemical-resistant to this product are polyethylene, polyvinyl chloride, barrier laminate, and butyl, nitrile, neoprene, and natural rubber. If you want more options, follow the instructions for category A on an EPA chemical resistance category selection chart.

Mixers, loaders and applicators, and other handlers must wear:

- Long-sleeve shirt and long pants,
- Shoes plus socks,
- Chemical resistant gloves for all mixers and loaders, plus applicators using handheld equipment.

Follow manufacturer's instructions for cleaning/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 materials that have been heavily contaminated with this product. Do not reuse them.

Pilots must use an enclosed cockpit that meet the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(6)].

USER SAFETY RECOMMENDATIONS

Users must wash hands with plenty of soap and water before eating, drinking, chewing gum, using tobacco, or using the toilet.

Users should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

Users should 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.

ENVIRONMENTAL HAZARDS

This product is toxic to plants. Drift and run-off 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 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

SSI MAXIM ARSENAL® 5G herbicide should be mixed and stored only in lined paper bags, stainless steel, fiberglass, plastic and plastic lined steel containers. DO NOT mix or store SSI MAXIM ARSENAL® 5G herbicide in unlined steel (except stainless steel) containers.

GENERAL INFORMATION

SSI MAXIM ARSENAL® 5G herbicide is applied for control of most annual and perennial grasses, broadleaf weeds, brush, and hardwood trees. SSI MAXIM ARSENAL® 5G herbicide 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 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 use directions are believed to be reliable and must be followed. To the extent permitted by applicable law, it is impossible to eliminate all risks inherently associated with use of this product. To the extent permitted by applicable law, 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. All such risks shall be assumed by the user. SSI Maxim Company 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. To the extent permitted by applicable law, all such risks shall be assumed by the user. SSI Maxim Company



SSI MAXIM COMPANY, INC.

P.O. Box 1954 • Kilgore, TX 75663 • 8003464781

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.

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.

Agricultural Use Requirements

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), notification to workers, and restricted-entry interval. The requirements in this box apply to uses of this product that are covered by the Worker Protection Standard.

Except for the protected applicator, do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 48 hours.

PPE required for early entry to treated areas (that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water), is:

- coveralls over long-sleeved shirt and long pants
- chemical-resistant gloves made of any waterproof material
- chemical-resistant footwear plus socks
- protective eyewear
- chemical-resistant headgear

Notify workers of the application by warning them orally and by posting warning signs at entrances to treated areas.

Non-Agricultural 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.

Except for protected applicator, do not enter or allow others to enter the treated area until dusts have settled.

A preemergence application of SSI MAXIM ARSENAL® 5G herbicide is recommended for control of most annual and perennial grasses and broadleaf weeds on the forestry sites and the noncropland areas such as railroad, utility, pipeline and highway rights-of-way, petroleum tank farms, pumping installations, non-agricultural fence rows, storage areas, and other similar industrial areas. SSI MAXIM ARSENAL® 5G herbicide may be applied anytime during the growing season before weeds have emerged.

APPLICATION INSTRUCTIONS

For control of grasses and broadleaf weeds, uniformly apply SSI MAXIM ARSENAL® 5G herbicide granules with properly calibrated aerial or ground equipment at a rate of 1.0 lbs. a.i. imazapyr (20 lbs. of product) per acre. Use only 1 application per year for herbaceous treatments and 1-2 applications per 10 years for brush treatment.

For control of woody brush, trees, vines, or brambles, uniformly apply 0.5 to 1.5 lb imazapyr (10 to 30 lbs. of product) with properly calibrated manual or mechanically operated ground equipment to control labeled woody brush and trees on forestry sites and noncropland sites such as railroad, utility, pipeline, and highway rights of way, utility plant sites, petroleum tank farms, pumping installations, and nonirrigation ditch banks.

DRIFT REDUCTION Do not apply under circumstances where possible drift to unprotected persons or to food, forage, or other plantings that might be damaged or crops thereof rendered unfit for sale, use or consumption can occur. Make aerial or ground applications when the wind velocity favors on target product deposition. All aerial and ground application equipment must be properly maintained and calibrated.



SSI MAXIM COMPANY, INC.

P.O. Box 1954 • Kilgore, TX 75663 • 8003464781

Net contents: 40 pounds

SITE PREPARATION FOR LOBLOLLY PINE ONLY

SSI MAXIM ARSENAL® 5G herbicide granule may be used to control labeled grasses, broadleaf weeds, vines and brambles, and woody brush and trees on forest sites in advance of regenerating. Herbaceous grass and broadleaf weeds killed will provide fuel to facilitate a controlled fire, if desired, to control residual pines.

Apply 10 to 30 pounds of SSI MAXIM ARSENAL® 5G herbicide granule per acre (0.5 to 1.5 lb ai/Acre) when making helicopter or mechanical ground applications. Use the higher label rates of SSI MAXIM ARSENAL® 5G herbicide when controlling particularly dense, multilayered, canopies of hardwood stands, or difficult to control species. DO NOT plant loblolly pine seedlings on sites treated with SSI MAXIM ARSENAL® 5G herbicide for three months following application or injury may occur.

CONIFER RELEASE FOR LOBLOLLY PINE ONLY

SSI MAXIM ARSENAL® 5G herbicide may be applied as a broadcast application for control of labeled weed species in loblolly pine. Some minor conifer height-growth inhibition may be observed when release treatments are made during periods of most-active conifer growth. To minimize potential conifer injury release treatments may be made after formation of final conifer resting buds in the fall.

FOR RELEASE OF LOBLOLLY PINE: Apply 10 to 30 pounds of SSI MAXIM ARSENAL® 5G herbicide per acre (0.5 to 1.5 lb. ai/Acre) when making helicopter or mechanical ground spray applications. Use the higher label rates of SSI MAXIM ARSENAL® 5G herbicide when controlling particularly dense stands or difficult to control species. To minimize injury, DO NOT make application to loblolly pine stands before formation of resting buds at the end of the second growing season. Applications may be made in loblolly plantations of all ages by making directed spot applications specifically to the targeted unwanted vegetation, avoiding direct application to the loblolly pine.

PRECAUTIONS AND RESTRICTIONS

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 use on food or feed crops. DO NOT apply on ditches used to transport irrigation water. 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.

STORAGE AND DISPOSAL

DO NOT contaminate water, food or feed by storage or disposal. **PESTICIDE STORAGE:** DO NOT store below 10°F. **PESTICIDE DISPOSAL:** Wastes resulting from the use of this product may be disposed of by using on sites according to label directions 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 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. Completely empty pail into application equipment. Triple rinse (or equivalent). Then offer for recycling 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.



SSI MAXIM COMPANY, INC.
P.O. Box 1954 • Kilgore, TX 75663 • 8003464781

Net contents: 40 pounds

A pre-emergent application of SSI MAXIM ARSENAL® 5G herbicide will provide residual control of the following target grass and broadleaf weed species:

Weeds Controlled by SSI MAXIM ARSENAL HERBICIDE®

GRASSES

ANNUAL BLUEGRASS (*Poa annualis*)
 BAHIA GRASS (*Paspalum notatum*)
 BEARD GRASS (*Andropogon* spp)
 BERMUDAGRASS (*Cynodon dactylon*)
 BIG BLUESTEM (*Andropogon gerardi*)
 BROADLEAF SIGNALGRASS (*Brachiaria platyphylla*) CANADA BLUEGRASS (*Poa compressa*)
 CATTAIL (*Typha* spp) CHEAT (*Bromus secalinus*) CRABGRASS (*Digitaria* spp)
 DALLISGRASS (*Paspalum dilatatum*)
 DOWNY BROME (*Bromus tectorum*)
 FALL PANICUM (*Panicum dichotomiflorum*)
 FEATHER TOP (*Pennisetum villosum*)
 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*)
 PHRAGMITES (*Phragmites australis*)
 PRARIE CORN GRASS (*Spartina pectinata*)
 PRARIE THREEAWN (*Aristida oligantha*)
 QUACKGRASS (*Agropyron repens*)
 REED CANARY GRASS (*Phalaris arundinacea*)
 SALTGRASS (*Distichis spicata*)
 SAND DROPSEED (*Sporobolus cryptandrus*)
 SANDBUR (*Cenchrus* spp)
 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*)

CAROLINA GERANIUM (*Geranium carolinianum*) CARPETWEED (*Mullugo verticillata*)
 CLOVER (*Trifolium* spp)
 COCKLEBUR (*Xanthium strumarium*)
 COMMON CHICKWEED (*Stellaria media*)
 DANDELION (*Taraxacum officinale*)
 DOCK (*Rumex* spp)
 DOGFENNEL (*Eupatorium capillifolium*)
 FLAREE (*Erodium* spp)
 FLEABANE (*Erigeron* spp)
 GOLDENROD (*Solidago* spp)
 HOARY Vervain (*Verbena stricta*)
 INDIAN MUSTARD (*Brassica juncea*)
 KOCHIA (*Kochia scoparia*)
 LAMBSQUARTERS (*Chenopodium album*)
 LESPEDEZA (*Lespedeza* spp)
 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)
 PIGWEED (*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 (*Medicago* spp)
 TANSYMUSTARD (*Descurainia pinnata*)
 TEXAS THISTLE (*Cirsium texanum*)
 WILD CARROT (*Daucus carota*)
 WILD LETTUCE (*Lactuca* spp)
 WILD PARSNIP (*Pastinaca sativa*) WILD TURNIP (*Brassica campestris*)
 WOOLLYLEAF BURSAGE (*Ambrosia grayi*)
 YELLOW STAR THISTLE (*Centaurea solstitialis*)
 YELLOW WOODSORREL (*Oxalis stricta*)
VINES AND BRAMBLES

BLACKBERRY (*Rubus* spp)*
 DEWBERRY (*Rubus* spp)*

FIELD BINDWEED (*Convolvulus arvensis*)
 GREENBRIAR (*Smilax* spp)
 HEDGE BINDWEED (*Calystegia sepium*)
 HONEYSUCKLE (*Lonicera* spp)
 KUDZU (*Pueraria lobata*)
 MORNINGGLORY (*Ipomoea* spp)
 POISON IVY (*Rhus radicans*)
 REDVINE (*Brunnichia cirrhosa*)
 TRUMPETCREEPER (*Campsis radicans*)
 VIRGINIA CREEPER (*Parthenocissus quinquefolia*)
 WILD BUCKWHEAT (*Polygonum convolvulus*)
 WILD GRAPE (*Vitis* spp)
 WILD ROSE (*Rosa* spp)

Including:

MULTIFLORA ROSE (*Rosa multiflora*) MACARTNEY ROSE (*Rosa bracteata*)

* The degree of control may be species dependent. Some *Rubus* species may not be controlled.

WOODY BRUSH AND TREES

ASH (*Fraxinus* spp)
 BLACKGUM (*Nyssa sylvatica*)
 BOXELDER (*Acer negundo*)
 CHERRY (*Prunus* spp)
 CHINESE TALLOWTREE (*Sapium sebiferum*)
 DOGWOOD (*Cornus* spp)
 HAWTHORN (*Crataegus* spp)
 HICKORY (*Carya* spp)
 MAPLE (*Acer* spp)
 MULBERRY (*Morus* spp) **
 OAK (*Quercus* spp)
 PERSIMMON (*Diospyros virginiana*)
 POPLAR (*Populus* spp)
 PRIVET (*Ligustrum vulgare*)
 RED MAPLE (*Acer rubrum*)
 SASSAFRAS (*Sassafras albidum*)
 SUMAC (*Rhus* spp)
 SWEETGUM (*Liquidambar styracitula*)
 WILLOW (*Salix* spp)
 YELLOW POPLAR (*Linodendron tulipifera*)

**The degree of control may be species dependent.

PMG 041911


SSI MAXIM COMPANY, INC.
 P.O. Box 1954 • Kilgore, TX 75663 • 8003464781

Net contents: 40 pounds