

83529-19

11-29-2009

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

11-29-09

Cheryl Wagner  
P.O. Box 640  
7460 Lancaster Pike, Suite 9  
Hockessin, DE 19707

Subject: EPA Reg. No. 83529-19 / Shar-Max Glyphosate 41%SL

Dear Ms. Wagner:

The supplemental labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable provided you make the following changes to the label:

1. Remove "similar sites" (occurs in several places) from the label.

A stamped copy of the label is enclosed for your records. You must submit a copy of the final printed label. You must incorporate the supplemental label into the master label within 18 months. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA. Your release for shipment of the product constitutes acceptance of these conditions. If you have any questions please call Erik Kraft at 703-308-9358 or email at Kraft.Erik@epa.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "Erik Kraft".

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

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**ACCEPTED**  
**with COMMENTS**  
**In EPA Letter Dated:**  
11-29-09

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

**SUPPLEMENTAL LABEL**

**Shar-Max Glyphosate 41% SL** 83529-19

EPA Reg. No. 83529-19

**IMPORTANT: READ AND FOLLOW ALL APPLICABLE DIRECTIONS, RESTRICTIONS, AND PRECAUTIONS ON THE EPA-REGISTERED LABEL BEFORE USING SHAR-MAX GLYPHOSATE 41% SL.** Shar-Max contains the maximum surfactant loading offered by Sharda USA in its glyphosate products.

**KEEP OUT OF REACH OF CHILDREN  
CAUTION**

**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. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

**INDUSTRIAL, RECREATIONAL AND PUBLIC AREAS**

When applied as directed for "NONCROP USES", under conditions described, Shar-Max Glyphosate 41% SL controls annual and perennial weeds listed on this label growing in areas including:

Airports	Parks
Apartment complexes	Parking areas
Around Farm, Ranch, Commercial or Industrial Structures	Petroleum & Other Tank Farms
Around Ornamental Gardens	Pumping Installations
Around Ornamental Trees & Shrubs	Pipeline, Power, Telephone & Utility Rights-of-Way
	Preplant to Turf & Ornamental Plants
Ditch Banks	Railroads
Driveways & Ramps	Recreational & Residential areas
Dry Ditches & Canals Fences & Fencerows	
Golf Courses	Schools
Gravel or Ground Bark Mulches	Sidewalks
Habitat Restoration & Management Areas	Similar sites
Highways & Roadsides (including aprons, medians & guardrails)	Sod or turf seed farms
Industrial Plant Sites	Storage areas
	Uncropped Farmstead Areas
Lanes, Trails & Access Roads	Utility Substations
Lumberyards	
Manufacturing sites	Vacant Lots & Wastelands



**SUPPLEMENTAL LABEL**

Office complexes Other public areas	Warehouse areas
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For specific rates of application and instructions for control of particular annual weeds, perennial weeds, woody brush and trees, see the "WEEDS CONTROLLED" section of this label. These applications may be made to large affected areas or as spot treatments. For general use in small areas, see alternative instructions below under "Small Area Treatment With Hand-held Sprayers". Shar-Max Glyphosate 41% SL is a nonselective herbicide that is diluted and applied to the foliage of actively growing weeds as a spot or broadcast application. It is absorbed by the leaves and moves throughout the stem and roots to control the entire plant. Visible symptoms may require a week or more to appear, with burndown usually occurring in 2 to 4 weeks. Symptoms are a gradual wilting and yellowing of the sprayed plant followed by deterioration of both shoots and roots. Shar-Max Glyphosate 41% SL has no herbicidal activity in the soil and will not wash or leach to affect nearby vegetation. Any ornamental species may be planted in treated areas 7 days or more after application. For most effective results, delay mowing, clipping, tilling, planting or sodding of treated areas for at least 7 days after application. This allows time for Shar-Max Glyphosate 41% SL to move within the plant.

Unless the "Agricultural Use Requirements" on this label are observed, the following restrictions apply: Not for use on plants being grown for sale or other commercial use, or for commercial seed production, or for research purposes. For use on plants intended for aesthetic purposes or climatic modification and being grown in ornamental gardens or parks, or on golf courses or lawns and grounds.

SHAR-MAX GLYPHOSATE 41% SL CAN INJURE OR DESTROY ALL VEGETATION CONTACTED. WHEN USED AS A SPOT TREATMENT IN LAWNS, ALL VEGETATION CONTACTED WILL BE DAMAGED. AVOID SPRAY DRIFT CONTACT WITH DESIRABLE LAWN GRASSES, FLOWERS, VEGETABLES, SHRUBS OR TREES. DO NOT CONTACT GREEN BARK OF TREES OR SHRUBS. IF DESIRABLE VEGETATION IS CONTACTED, WASH IMMEDIATELY WITH WATER.

Depending on the type of noncrop application, Shar-Max Glyphosate 41% SL may be applied with boom equipment, high-volume spray equipment and hand-held sprayers as described in the respective portions of the "APPLICATION EQUIPMENT and TECHNIQUES" section of the label. Additionally, the product may be applied with recirculating sprayers, shielded applicators, or wiper applicators in any noncrop site specified on this label. See the "Selective Equipment" part of "APPLICATION EQUIPMENT and TECHNIQUES" section of this label for information on proper use and calibration of this equipment.

Small Area Treatment With Hand-held Sprayers - Add 3 to 6 fluid ounces of Shar-Max Glyphosate 41% SL to 1 gallon of clean water. Use the lower rate for many grasses and annual weeds. Use the higher specified rate for control of perennials and brush. Use pump-up sprayer, backpack sprayer or other sprayer suitable for small areas. Adjust equipment to deliver a coarse spray pattern. USE OF HOSE-END SPRAYERS OR SPRINKLER-TYPE DEVICES MAY RESULT IN POOR AND/OR ERRATIC RESULTS.

**TANK MIXTURES FOR INDUSTRIAL SITES AND FORESTRY SITE PREPARATIONS**

Use on industrial sites including airports, industrial plants, lumberyards, petroleum tank farms, pumping stations, railroads, roadsides, storage areas or other similar sites where bare ground is desired.

This tank mixture may also be used as a site preparation treatment for sites to be planted to jack pine, loblolly pine, red pine, slash pine and Virginia pine. When applied as directed for "NONCROP USES" under the conditions described, Shar-Max Glyphosate 41% SL plus Oust® provides control of annual weeds listed in the "WEEDS CONTROLLED" section of the label for Shar-Max Glyphosate 41% SL and Oust®, and control or partial control of the perennial weeds listed below.

Apply 1 to 2 quarts of Shar-Max Glyphosate 41% SL with 2 to 4 ounces of Oust® in 10 to 40 gallons of spray solution per acre as a broadcast spray to actively growing weeds. This mixture may be applied by aerial equipment in site prep operations. When applied by air, use the specified rates in 5 to 15 gallons of spray solution per acre. Shar-Max Glyphosate 41% SL plus Oust® tank mixtures may not be applied by air in California.

For control of annual weeds, use the lower rates of these products.

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For control of the listed perennial weeds, use the higher rates of both products. For partial control, use the lower rates.

Bahiagrass ( <i>Paspalum notatum</i> )	Dock, Curly ( <i>Rumex crispus</i> )	Johnsongrass** ( <i>Sorghum halepense</i> )	Trumpet creeper* ( <i>Campsis radicans</i> )
Bermudagrass* ( <i>Cynodon dactylon</i> )	Dogfennel ( <i>Eupatorium capilliflorum</i> )	Poorjoe** ( <i>Diodia teres</i> )	Vaseygrass ( <i>Paspalum urvillei</i> )
Broomsedge ( <i>Andropogon virginicus</i> )	Fescue, tall ( <i>Festuca arundinaces</i> )	Quackgrass ( <i>Agropyron repens</i> )	Vervain, blue ( <i>Verbena hastate</i> )

\*Suppression at the higher rates only.

\*\*Control at the lower rates.

Read and carefully observe the precautionary statements and all other information appearing on the labels of all herbicides used.

### TANK MIXTURES NONCROP SITES

When applied as a tank mixture, Shar-Max Glyphosate 41% SL provides control of the emerged annual weeds and partial control of the emerged perennial weeds listed in this label. When applied as a tank mixture, the following residual herbicides will provide preemergence control of the weeds listed in the individual product labels.

- Shar-Max Glyphosate 41% SL plus DIURON®
- Shar-Max Glyphosate 41% SL plus KROVAR® I®
- Shar-Max Glyphosate 41% SL plus KROVAR® II®
- Shar-Max Glyphosate 41% SL plus RONSTAR® 50WP®
- Shar-Max Glyphosate 41% SL plus PRINCEP®\* CALIBER®\* 90
- Shar-Max Glyphosate 41% SL plus SIMAZINE 4L, 80W or 90DF
- Shar-Max Glyphosate 41% SL plus SURFLAN®\* 75W or AS

See the "MIXING, ADDITIVES and APPLICATION INSTRUCTIONS" section of this label before preparing these tank mixtures.

Read and carefully observe the label claims, precautionary statements, specified rates and all other information on the labels of all products used in these tank mixtures. Use according to the most restrictive label directions for each product in the mixture.

### CONTROL OF EMERGED WEEDS

**Note:** For backpack sprayer and handgun applications, see the "HAND-HELD AND HIGH VOLUME EQUIPMENT" section for specified rates.

**Annual Weeds** - Apply 1 quart per acre of Shar-Max Glyphosate 41% SL in these tank mixtures when weeds are less than 6 inches tall and 1.5 quarts per acre when weeds are more than 6 inches tall.

**Perennial Weeds** - For partial control of perennial weeds using these tank mixtures, apply 2 to 5 quarts per acre of Shar-Max Glyphosate 41% SL. Follow the Directions in the "WEEDS CONTROLLED" section of this label for stage of growth and rate of application for specific perennial weeds.

### PREEMERGENCE WEED CONTROL

For preemergence weed control, refer to the individual product labels for specific noncrop sites, rates, carrier volumes and precautionary statements. Mix only the quantity of spray solution which can be used during the same day. Do not allow these tank mixtures to stand overnight as this may result in reduced weed control.

### FARMSTEAD WEED CONTROL

When applied as directed for "NONCROP USES", under conditions described, Shar-Max Glyphosate 41% SL controls undesirable vegetation listed on this label around areas including farmstead building foundations, along and in fences,

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**SUPPLEMENTAL LABEL**

shelterbelts and for general nonselective farmstead weed control. For specific rates of application and instructions for control of various annual and perennial weeds, see the "WEEDS CONTROLLED" section of this label.

**FARM DITCHES**

Shar-Max Glyphosate 41% SL will suppress perennial grasses along farm ditches. Apply Shar-Max Glyphosate 41% SL at a rate of 6 to 8 fluid ounces per acre. Use 8 fluid ounces per acre when treating tall (coarse) fescue, fine fescue, orchardgrass or quackgrass covers. For best suppression of these species, add ammonium sulfate at a rate of 1.7 pounds per 10 gallons of spray solution. Use 6 fluid ounces per acre without ammonium sulfate when treating Kentucky bluegrass. Apply treatments in 10 to 20 gallons of spray solution per acre to actively growing perennial grass covers. For best spray distribution and coverage, use flat fan nozzles. Where broadleaf weed control or suppression is desired, tank mix Shar-Max Glyphosate 41% SL with an appropriate, labeled broadleaf weed herbicide.

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Surflan is a trademark of Dow AgroSciences LLC.  
Simazine is a trademark of Agrilience LLC.  
Ronstar is a trademark of Bayer Environmental Science.

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