



U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs
Registration Division (7505T)
1200 Pennsylvania Ave., N.W.
Washington, D.C. 20460

EPA Reg. Number:

93653-4

Date of Issuance:

3/28/23

NOTICE OF PESTICIDE:

Registration
 Reregistration
(under FIFRA, as amended)

Term of Issuance:

Unconditional

Name of Pesticide Product:

ZS Glyphosate Technical

Name and Address of Registrant (include ZIP Code):

ZSChem USA, Inc. c/o Pyxis Regulatory Consulting Inc.
4110 136th St. Ct. NW
Gig Harbor, WA 98332

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 under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA).

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 unconditionally registered in accordance with FIFRA section 3(c)(5) provided that you:

1. Submit and/or cite all data required for registration/reregistration/registration review of your product when the Agency requires all registrants of similar products to submit such data.
2. Submit one copy of the final printed label for the record before you release the product for shipment.

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Signature of Approving Official:

Emily Schmid, Product Manager 25
Herbicide Branch, Registration Division (7505P)

Date:

3/28/23

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under FIFRA and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) lists examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6. Your release for shipment of the product constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records.

The record for this product currently contains the following CSF(s):

- Basic CSF dated 03/15/2023

If you have any questions, please contact Jamie Millard at (202) 566-2726 or by email at millard.jamie@epa.gov.

Enclosure

ZS Glyphosate Technical FOR MANUFACTURING USE ONLY

ACTIVE INGREDIENT:	w/w%
Glyphosate (CAS No. 1071-83-6)*	96.9%
OTHER INGREDIENTS:	<u>3.1%</u>
TOTAL:	100.0%

*N-(phosphonomethyl)glycine

KEEP OUT OF REACH OF CHILDREN WARNING

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.
If Inhaled:	<ul style="list-style-type: none"> Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for treatment advice.
Note to Physician: Probable mucosal damage may contraindicate the use of gastric lavage.	
HOTLINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For medical emergencies, call the poison control center at 1-800-222-1222. For non-emergency information concerning this product, call the National Pesticides Information Center (NPIC) at 1-800-858-7378, Monday through Friday, 8:00 AM to 12:00 PM Pacific Time (NPIC Web site: www.npic.orst.edu).	

[See side panel for Storage and Disposal and Warranty-Conditions of Sale]

Manufactured for:

ZSChem USA, Inc.
5100 Poplar Ave, Floor 27
Memphis, TN 38137-2701

EPA Reg. No. 93653-4
EPA Est. No.
Net Contents: lbs (kg)
Lot No.: See container

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS WARNING

Causes substantial but temporary eye injury. Harmful if swallowed or absorbed through skin. Do not get in eyes or on clothing. Avoid contact with skin. Wear goggles or face shield. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove and wash contaminated clothing before reuse.

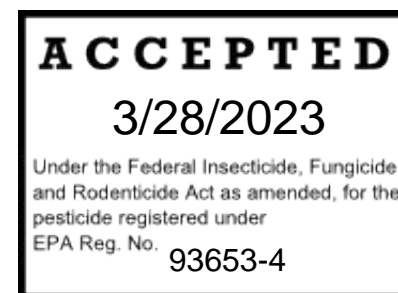
ENVIRONMENTAL HAZARDS

DO NOT discharge effluent containing this product into lakes, streams, ponds, estuaries, ocean or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NDPES) permit and the permitting of authority has been notified in writing prior to discharge. **DO NOT** discharge effluent containing this product in sewer systems without previously notifying the sewage treatment plant authority. For guidance contact your State Water Board of Regional Office of the EPA.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Only for formulation into a herbicide for the following uses: (1) uses for which USEPA has accepted the required data and/or citations of data that the formulator has submitted in support of registration; (2) uses for experimental purposes that are in compliance with USEPA; (3) **ANNUAL AND PERENNIAL CROPS**

- Crop Group 1: Root and Tuber (except carrot, sweet potato, and sugar beet)
- Crop Group 2: Leaves of Root and Tuber Vegetables (except sugar beet tops)
- Crop Group 3-07: Bulb Vegetables
- Crop Group 4: Leafy Vegetables (except Brassica)
- Crop Group 5: Brassica (Cole) Leafy Vegetables
- Crop Group 6: Legume Vegetables (except soybean and dry pea)
- Crop Subgroup 7A: Foliage of Legume Vegetables (except soybean)
- Crop Group 8-10: Fruiting Vegetables (except okra)
- Crop Group 9: Cucurbit Vegetables
- Crop Group 10-10: Citrus Fruit
- Crop Group 11-10: Pome Fruit
- Crop Group 12: Stone Fruit
- Crop Group 13-07: Berry and Small Fruit
- Crop Group 14: Tree Nuts
- Crop Group 15: Cereal Grains (except field corn, popcorn, rice, sweet corn, and wild rice)
- Crop Group 16: Forage, Fodder, and Straw of Cereal Grains (except field corn, forage and field corn, stover)
- Crop Group 17: Grass Forage, Fodder and Hay
- Crop Group 18: Nongrass Animal Feed (Forage, Fodder, Straw, and Hay)
- Crop Subgroup 19A: Herbs
- Crop Subgroup 19B: Spices
- Crop Group 20: Oilseeds (except canola)



(4) OTHER CROPS

Acerola	Coffee	Juneberry	Pawpaw	Star apple
Aloe vera	Corn (field, pop, sweet)	Kava	Peanut	Starfruit
Ambarella		Kenaf	Pepper leaf	Stevia
Artichoke (globe)	Custard apple	Kiwi	Peppermint	Sugar apple
Asparagus	Date	Lesquerella	Perilla	Sugar beet
Atemoya	Dokudami	Leucaena	Persimmon	(including tops)
Avocado	Dry pea	Lingonberry	Pine nut	Sugarcane
Bamboo shoots	Durian	Longan	Pineapple	Surinam cherry
Bananas	Epazote	Lychee	Pistachio	Sweet potato
Betel nut	Feijoa	Mamey apple	Plantain	Tamarind
Biriba	Fig	Mango	Pomegranate	Tea
Blimbe	Galangal	Mangosteen	Pulasan	Teff
Breadfruit	Ginger	Marmaladebox	Quinoa	Ti
Buffalo gourd	Governor's plum	Mioga	Rambutan	Ugli fruit
Cacao (cocoa bean)	Gow kee	Noni (Indian mulberry)	Rice	Wasabi
Cactus	Guava	Okra	Rose apple	Water spinach
Canistel	Hops	Olive	Sapodilla	Watercress
Canola	Ilama	Oregano	Sapote (black, mamey, white)	Wax jambu
Carrot	Imbu	Oregano (Mexican)	Soursop	Wild rice
Chaya	Jaboticaba	Palm	Soybean	Yacon
Cherimoya	Jackfruit	Papaya (mountain)	Spanish lime	
Coconut	Jojoba	Passionfruit	Spearmint	

(5) TREE, VINE, AND SHRUB CROPS

(6) CUT STUMPS (TREE CROPS)

(7) FORESTRY USE AND CHRISTMAS TREES: Pine, Poplar, Eucalyptus, Christmas trees.

(8) NON-FOOD TREE CROPS

(9) PASTURE GRASSES, FORAGE LEGUMES AND RANGELANDS

(10) GRASS SEED OR SOD PRODUCTION: Alfalfa (seed), Any grass (*Gramineae* family) except Corn, Sorghum, Sugarcane, and those listed in the Crop Group 17 including Bahiagrass, Bermudagrass, Bluegrass, Bromegrass, Fescue, Guineagrass, Kikuya grass, Orchardgrass, Pangola grass, Ryegrass, Timothy, Wheatgrass

(11) GLYPHOSATE-RESISTANT CROPS

Glyphosate-resistant Alfalfa	Glyphosate-resistant Corn 2	Glyphosate-resistant Soybeans 2
Glyphosate-resistant Canola (Spring)	Glyphosate-resistant Cotton	Glyphosate-resistant Sugar Beet.
Glyphosate-resistant Canola (winter)	Glyphosate-resistant Flex Cotton	
Glyphosate-resistant Corn	Glyphosate-resistant Soybeans	

(12) SEED PRODUCTION WITH GLYPHOSATE-RESISTANT GENE

Alfalfa	Rice	Wheat
Lettuce		

(13) NON-CROP AREAS AND INDUSTRIAL SITES: Airports/landing fields, apartment complexes, chemical mowing, commercial sites, Conservation Reserve Program (CRP) areas, ditch banks, driveways, dry ditches, dry canals, farmsteads, fencerows, forestry site preparation and release programs, golf courses, greenhouses, habitat management, highway/roadsides, industrial sites, landscape areas, lumber yards, manufacturing sites, municipal sites, natural areas, office complexes, ornamentals, paved areas, parks, parking areas, pastures, petroleum tank farms and pumping installations, plant nurseries, recreation and public areas, railroads, rangeland, rights-of-way, roadsides, shadehouses, sod or turf seed farms, storage areas, sports complexes, substations, trim-and edge, turfgrass areas, turfgrasses and grasses for seed production, utility sites, warehouse areas, wildlife management areas, Aquatic and wetland sites, eucalyptus and hybrid poplar production, site preparation or directed sprays to the floor of ornamental nurseries and Christmas tree farms.

(14) RESIDENTIAL SITES: On and around driveways, walkways, patios, and buildings; around fences, trees, shrubs, flower beds, vegetable and herb gardens and other areas in the yard; lawn restoration/renovation and garden plot preparation.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Store in original container only, in a cool dry, locked area. Store separately from other pesticides, fertilizers, food or feed to prevent contamination.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at any approved waste disposal facility. Open dumping is prohibited.

CONTAINER HANDLING:

Non-refillable fiber drums with liners: Nonrefillable container. **DO NOT** reuse or refill this container. Completely empty liner by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into formulation equipment. Then offer for recycling if available or dispose of liner in a sanitary landfill, or by other procedures approved by state and local authorities. If drum is contaminated and cannot be reused, dispose of it in the manner required for its liner.

Supersacks: Nonrefillable container. **DO NOT** reuse or refill this container. Completely empty bag into formulation equipment. Then offer for recycling if available or dispose of empty bag in a sanitary landfill, or by other procedures approved by state and local authorities.

WARRANTY—CONDITIONS OF SALE

Manufacturer warrants that this product conforms to its chemical description and is reasonably fit for the purposes referred to in the "DIRECTIONS FOR USE". Manufacturer makes no other warranties, expressed or implied, including fitness or merchantability. To the extent consistent with applicable law, in no case shall the Manufacturer or the Seller be liable for consequential, special or indirect damages resulting from the use or handling of this product. The foregoing is a condition of sale and is accepted as such by the Buyer.

[EPA Approval date]