



U.S. ENVIRONMENTAL PROTECTION AGENCY

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

EPA Reg. Number:

93653-5

Date of Issuance:

7/18/23

NOTICE OF PESTICIDE:

Registration  
 Reregistration  
(under FIFRA, as amended)

Term of Issuance:

Unconditional

Name of Pesticide Product:

ZS 2,4-D Technical

Name and Address of Registrant (include ZIP Code):

ZS Chem USA, Inc.  
c/o Pyxis Regulatory Consulting, Inc.  
4110 136<sup>th</sup> Street 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:

Mindy Ondish, Product Manager 23  
Herbicide Branch, Registration Division (7505T)

Date:

7/18/23

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 07/05/2023

If you have any questions, please contact Julia Kerr by phone at 202-566-2810, or via email at [kerr.julia@epa.gov](mailto:kerr.julia@epa.gov).

Enclosure

# ZS 2,4-D Technical

FOR MANUFACTURING OR FORMULATING USE ONLY

<b>ACTIVE INGREDIENT:</b>	<b>w/w%</b>
2,4-dichlorophenoxyacetic acid* .....	98.5%
<b>OTHER INGREDIENTS:</b> .....	1.5%
<b>TOTAL:</b> .....	100.0%

\*CAS No. 94-75-7

**KEEP OUT OF REACH OF CHILDREN**

## DANGER

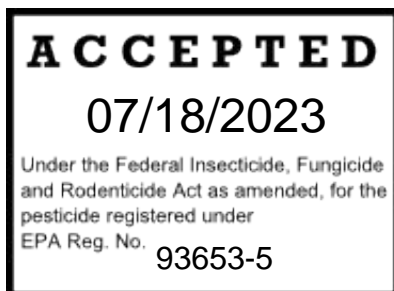
FIRST AID	
If in Eyes:	<ul style="list-style-type: none"><li>Hold eye open and rinse slowly and gently with water for 15 -20 minutes.</li><li>Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li><li>Call Poison Control or a doctor for treatment advice.</li></ul>
If Swallowed:	<ul style="list-style-type: none"><li>Call Poison Control or a 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>
If on Skin or Clothing:	<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 Poison Control or a doctor for treatment advice.</li></ul>
If Inhaled:	<ul style="list-style-type: none"><li>Move person to fresh air.</li><li>If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.</li><li>Call Poison Control or a doctor for treatment advice.</li></ul>
<b>Note to Physician:</b> Probable mucosal damage may contraindicate the use of gastric lavage.	
HOTLINE NUMBER	
Have the product container or label with you when calling Poison Control or a doctor, or going for treatment. For medical emergencies, call Poison Control 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: <a href="http://www.npic.orst.edu">www.npic.orst.edu</a> ).	

[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. 93653-5  
EPA Est. No.  
Net Weight: lbs ( kg)  
Lot No.: See container



## PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS DANGER

Corrosive. Causes irreversible eye damage. Harmful if swallowed. Harmful if absorbed through skin or inhaled. Do not get in eyes or on clothing. Avoid breathing dust. Avoid contact with skin. Wear protective eyewear (goggles, face shield or safety glasses). 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

This pesticide is toxic to fish and aquatic invertebrates. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or 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 herbicides (1) This product may be used to formulate products for specific use(s) not listed on the MP label if the formulator, user group, or grower has complied with U.S. EPA data submission requirements regarding the support of such use(s) and; (2) uses for experimental purposes that are in compliance with FIFRA and (3) **Terrestrial food/feed uses:**

Asparagus	Grapes (only in California, Oregon, and Washington)	Potatoes (fresh market only)
Blueberries		Rice
Cereal grains (barley, millet, oat, rye, and wheat)	Grasses (annual and perennial)	Rice, wild (MN only)
Conservation Reserve Program (CRP)	Grasses grown for seed	Sesame (pre-plant)
Corn (field, pop, and sweet)	Hops	Sorghum, grain(milo), forage
Cranberries	Orchard floors (pistachio; pome fruit, crop group 11; stone fruit, crop group 12; tree nuts, crop group 14)	Soybeans (pre-plant)
Fallow cropland and crop stubble	Pasture and rangelands	Strawberries
Fruit, citrus, crop group 10		Sugarcane
		Teff
		Vegetables, root and tuber including tops (except potato)

### (4) Terrestrial Non-food/Non-crop Uses:

Ornamental trees, shrubs, and vines	Turf (including golf courses, cemeteries, parks, sports fields, turfgrass, lawns and other grass areas)	Uncultivated non-agricultural areas (including ditches, fencerows, hedgerows, roadsides, rights-of-way, utility power lines, railroads, airports, industrial sites)
Outdoor areas	Turf grown for seed or sod	General soil treatment
Paved areas	Uncultivated agricultural areas	Woody plants
Recreation areas		

(5) **Forestry Sites:** Christmas trees; established conifer release; forest roadsides; forest site preparation; tree and brush control; tree injection treatments, reforestation areas, forest trees, plantings, forest tree nurseries

(6) **Aquatic Sites:** agricultural irrigation water and ditches; agricultural drainage water and ditches; lakes, ponds, reservoirs, and impounded water; canals, rivers, and streams; industrial ponds; swamps, marshes, wetlands; estuaries, tidal marshes and commercial and sport fish-bearing waters

## STORAGE AND DISPOSAL

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

**PESTICIDE STORAGE:** Store in a secured area preferably cool and dry. Open containers in well ventilated areas. Keep container tightly closed when not in use. Store only in original container unless it is damaged and requires to be replaced. In such case, clearly label contents.

**PESTICIDE DISPOSAL:** Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide Environmental Control Agency or the Hazardous Wastes representative at the nearest EPA Regional Office for guidance.

### CONTAINER HANDLING:

**Non-refillable fiber drums with liners:** Nonrefillable container. Do not reuse or refill this container. Completely empty bag into formulation equipment by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into formulation equipment. If not emptied in this manner, the bag may be considered an acute hazardous waste and must be disposed of in accordance with local, state and federal regulations. When completely empty, 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 by shaking and tapping sides and bottom to loosen clinging particles. If not emptied in this manner, the bag may be considered an acute hazardous waste and must be disposed of in accordance with local, state and federal regulations. When completely empty, 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". To the extent consistent with applicable law, 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]