



U.S. ENVIRONMENTAL PROTECTION AGENCY

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

EPA Reg. Number:

93653-8

Date of Issuance:

9/23/24

NOTICE OF PESTICIDE:

☒ Registration  
☐ Reregistration  
(under FIFRA, as amended)

Term of Issuance:

Unconditional

Name of Pesticide Product:

ZS Chlorothalonil 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.

*Continues page 2*

Signature of Approving Official:

Kristy Crews, Ph.D., Product Manager 22  
Fungicide Branch, Registration Division (7505T)

Date:

9/23/24

EPA Form 8570-6

2. Make the following label changes before you release the product for shipment:
  - Revise the EPA Registration Number to read, "EPA Reg. No. 93653-8."
3. Submit one copy of the final printed label for the record before you release the product for shipment.

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 03/16/2023

If you have any questions, please contact Yasmin Bowers at 202-566-2507 or [Bowers.Yasmin@epa.gov](mailto:Bowers.Yasmin@epa.gov).

Enclosure- Stamped Label

## ZS Chlorothalonil Technical

### ACTIVE INGREDIENT:

Chlorothalonil (CAS No. 1897-45-6)\* ..... w/w% 98.9%

OTHER INGREDIENTS: ..... 1.1%

TOTAL: ..... 100.0%

\* 2,4,5,6-tetrachloro-1,3-benzenedicarbonitrile

### KEEP OUT OF REACH OF CHILDREN

## DANGER (PELIGRO)

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

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 a poison control center or 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 a poison control center or doctor for treatment advice.</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 a poison control center or doctor for treatment advice.</li></ul>
If Swallowed:	<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>
<b>NOTE TO PHYSICIAN</b> Probable mucosal damage may contraindicate the use of gastric lavage. This product may cause temporary allergic side effects characterized by redness or rash on exposed skin areas. Treat with antihistamines or steroid creams and/or systemic steroids.	
<b>HOTLINE NUMBER</b> 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: <a href="http://www.npic.orst.edu">www.npic.orst.edu</a> ).	

### Manufactured for:

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

EPA Reg. No. 93653-xx

EPA Est. No.

Net Weight: lbs ( kg)

Lot No.: See container

## PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

### DANGER

Fatal if inhaled. Corrosive. Causes irreversible eye damage. Harmful if absorbed through skin. Do not breathe dust. Do not get in eyes or on clothing. Avoid contact with skin. Wear a NIOSH-approved particulate filtering faceplate respirator with any N, R or P filter with NIOSH approval number prefix TC-84A; OR a NIOSH-approved powered air purifying respirator with HE filters with NIOSH approval number prefix TC-21C. Wear long-sleeved shirt, long pants, shoes plus socks, goggles or a face shield, and chemical resistant gloves made of barrier laminate, butyl rubber ≥14 mils, nitrile rubber ≥14 mils, neoprene rubber ≥14 mils, natural rubber ≥14 mils, polyethylene, polyvinyl chloride (PVC) ≥14 mils, or Viton ≥14 mils. 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 wildlife. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of the 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 into 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 fungicides 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) **Terrestrial food uses:**

Almonds	Ginseng	Peach
Apricot	Horseradish	Peanut
Asparagus	Leek	Peppermint
Banana	Lentil	Persimmon
Bean, dry	Lupine	Pistachio
Bean, snap, succulent	Lychee	Plum (incl. prune)
Blueberries	Mango	Potato
Brassica, head and stem, subgroup 5A	Mushroom	Rhubarb
Carrot	Nectarine	Shallots
Celery	Okra	Spearmint
Cherry (sweet, tart)	Onion, bulb	Soybean
Cocoa bean	Onion, green	Starfruit
Coffee bean	Onion, grown for seed	Tomato
Corn (sweet, grown for seed)	Papaya	Vegetable, cucurbit, group 9
Cranberry	Parsnip	Vegetable, fruiting, group 8, except tomato
Filberts (hazelnuts)	Passion fruit	Yam
Garlic (dry, grown for seed)	Pea, edible podded	

**ACCEPTED**

**09/23/2024**

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

**93653-8**

**.) Terrestrial Non-Food Uses:**

Christmas trees (including bough production plantations)	Ornamentals (grown in field; nursery; greenhouses;	Preplant dip of bulb and corm ornamental flowering plants
Conifers (nursery beds, tree seed orchards, landscape situations)	landscaped areas around institutional, public, commercial and industrial buildings, parks, recreational areas)	Non-residential turfgrasses and other ornamental turf (including around commercial and industrial buildings, on professional and collegiate athletic fields)**
Golf courses (tees, fairways, greens)	Grasses grown for seed	
Non-bearing fruit and nut trees (no harvestable fruits within 12 months)	Sod farms*	

\***DO NOT** use for formulating into products intended for sod farms at application rates greater than 13 pounds of active ingredient per acre per year.

\*\***DO NOT** formulate into products labeled for use on home lawns and turf sites associated with apartment buildings, day care centers, playgrounds, playfields, recreational park athletic fields, athletic fields located on or next to schools (i.e., elementary, middle and high schools), campgrounds, churches, and theme parks.

When manufacturing wettable powder formulations: This product may only be used to manufacture wettable powder formulations that 1) are packaged in water-soluble packets the outside of which contain a pictogram depicting that users should not cut, rip, or tear, or 2) bear the labeling "For use in closed mixing/loading systems only".

### STORAGE AND DISPOSAL

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

**PESTICIDE STORAGE:** Store in original container and keep tightly closed. Store in a cool dry place. Protect from excessive heat.

**PESTICIDE DISPOSAL:** Pesticide wastes are toxic. Improper disposal of excess pesticide, pesticide spray 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 or Environmental Control Agency, or the Hazardous Waste 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 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]