



U.S. ENVIRONMENTAL PROTECTION AGENCY

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

EPA Reg. Number:

19713-748

Date of Issuance:

2/4/25

NOTICE OF PESTICIDE:

☒ Registration  
☐ Reregistration  
(under FIFRA, as amended)

Term of Issuance:

Unconditional

Name of Pesticide Product:

Drexel Clethodim Technical

Drexel Chemical Company  
1700 Channel Avenue  
Memphis, TN 38106

**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.

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.

Signature of Approving Official:

*Heather E. McFarley*

Product Manager 24  
Fungicide and Herbicide Branch, Registration Division (7505P)

Date:

2/4/25

2. Make the following label changes before you release the product for shipment:
  - Revise the EPA Registration Number to read, “EPA Reg. No. 19713-748.”
3. Submit one copy of the revised final printed label for the record before you release the product for shipment.
4. **The data requirements for storage stability and corrosion characteristics (Guidelines 830.6317 and 830.6320) are not satisfied. A one-year study is required to satisfy these data requirements. You have 18 months from the date of registration to provide these data.**

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 the Federal Insecticide Fungicide and Rodenticide Act 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) list 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. Please also note that the record for this product currently contains the following CSF:

- Basic CSF dated: 2/20/2024

If you have any questions, please contact Sayed Islam by phone at 202-566-2796, or via email at [islam.sayed@epa.gov](mailto:islam.sayed@epa.gov)

Enclosure:

- Accepted label

**ACCEPTED**

02/04/2025

Under the Federal Insecticide, Fungicide  
and Rodenticide Act as amended, for the  
pesticide registered under  
EPA Reg. No. 19713-748

**Drexel**

# ***Clethodim Technical***

For Formulation into Herbicide Products Only

**ACTIVE INGREDIENT:**

Clethodim (E)-2[1-[[[(3-Chloro-2-propenyl)oxy]imino]propyl]-5-[2-(ethylthio)propyl]-3-hydroxy-2-cyclohexen-1-one] ..... 93.8%

**OTHER INGREDIENTS** ..... 6.2%

**TOTAL:** ..... 100.0%

## **KEEP OUT OF REACH OF CHILDREN CAUTION**

**See FIRST AID Below**

[Optional: "See Side (Back) Panel for FIRST AID"; "See Page \_\_ for FIRST AID"]

EPA Reg. No. 19713-XXX

EPA Est. No. XXXXX-XXX-X

Net Contents: \_\_\_\_\_

### **FIRST AID**

**IF SWALLOWED:**

- Call a poison control center or doctor immediately for treatment advice.
- Have a 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 ON SKIN OR CLOTHING:**

- Take off contaminated clothing.
- Rinse skin immediately with plenty of water for 15 to 20 minutes.
- Call a poison control center or doctor for treatment advice.

**IF IN EYES:**

- Hold eye open and rinse slowly and gently with water for 15 to 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 INHALED:**

- Move person to fresh air.
- If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible.
- Call a poison control center or doctor for further treatment advice.

Have the product container or label with you 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 general information on this product, call CHEMTREC at 800-424-9300, or contact the National Pesticides Information Center (NPIC) at 1-800-858-7378, Monday through Friday, 8 AM to 12 PM PST, or at <http://npic.orst.edu>.

Manufactured For:

**Drexel Chemical Company**

P.O. BOX 13327, MEMPHIS, TN 38113-0327

**SINCE 1972**

ClethodimSP-0422\*P

## PRECAUTIONARY STATEMENTS

### Hazards to Humans and Domestic Animals

**CAUTION:** Harmful if swallowed. Harmful; if absorbed through skin. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using toilet. Remove and wash contaminated clothing before reuse.

## ENVIRONMENTAL HAZARDS

**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. Notify state and/or Federal authorities and Syngenta immediately if you observe any adverse environmental effects due to use of this product.

## PHYSICAL OR CHEMICAL HAZARDS

**DO NOT** use or store near heat or open flame.

## 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 herbicide products intended for:

1) The following uses:

### Terrestrial Food Uses

- Crop Group Subgroup 1B - Root vegetables (except Sugar Beet)
- Crop Group Subgroup 1C - Tuberos and Corm vegetables
- Crop Subgroup 3-07A - Onion, Bulb
- Crop Subgroup 3-07B - Onion, Green
- Crop Subgroup 4-16A - Leafy greens
- Crop Subgroup 4-16B - Brassica leafy greens
- Crop Subgroup 5-16 - Brassica head and stem vegetable
- Crop Group 6 - Legume vegetables (Dried and Succulent), except Soybean
- Crop Group 8-10 - Fruiting vegetables (except Okra)
- Crop Subgroup 9A - Melons
- Crop Subgroup 9B - Squash/Cucumber
- Crop Group 11-10 - Pome fruits
- Crop Group 12-12 - Stone fruits
- Crop Subgroup 13-07A - Caneberries
- Crop Subgroup 13-07B - Bushberries
- Crop Subgroup 13-07G - Low growing berries (except Cranberry)
- Crop Subgroup 14-12 - Tree nut
- Crop Subgroup 19A - Herbs
- Crop Subgroup 20A - Rapeseed (except Flax seed)
- Crop Subgroup 20B - Sunflower
- Crop Subgroup 20C - Cotton Seed
- Crop Subgroup 22A - Stalk and Stem vegetable
- Crop Subgroup 22B - Leaf petiole vegetable

### Terrestrial, Individual Food Uses

Alfalfa; Artichoke (Globe); Clover; Cotton; Cranberry; Flax; Hops; Mint (Peppermint, Spearmint); Okra; Peanut; Radish tops; Soybean; Stevia, dried leaves; Sugar Beet; Sugar beet tops

### Greenhouses, Shadehouse, Lathhouses, and Outdoor, Non-Food Uses

Ornamentals, Non-Bearing Food Crops, Conifer Trees, Christmas Trees, Fallow Land, Non-Crop or Non-Planted Areas and Residential Outdoor.

2. Uses for which U.S. EPA has accepted the required data and/or citations of data that the formulator has submitted in support of registration.
3. This product may be used to formulate products for specific use(s) not listed on this label if the formulator, user group, or grower has complied with U.S. EPA submission requirements regarding support of such use(s).
4. Uses for experimental purposes that are in compliance with USEPA requirements.

## STORAGE AND DISPOSAL

**DO NOT** contaminate water, food or feed by storage or disposal.

**PESTICIDE STORAGE:** Store in original containers only. Store in a cool dry place away from any heat, open flame or ignition source. Keep container tightly sealed when not in use.

**PESTICIDE DISPOSAL:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

### CONTAINER HANDLING:

**Nonrefillable Container (High Density Polyethylene (HDPE); ≤ 5 gal.):** Nonrefillable container. **DO NOT** reuse or refill this container. Offer for recycling, if available. Clean container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container one-fourth full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Dispose of empty container in a sanitary landfill or by incineration.

**Nonrefillable Container (High Density Polyethylene (HDPE); > 5 gal. up to < 250 gal.):** Nonrefillable container. **DO NOT** reuse or refill this container. Offer for recycling, if available. Clean container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container one-fourth full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Dispose of empty container in a sanitary landfill or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

**Refillable Container:** Refillable container. Refill this container with pesticide only. **DO NOT** reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10% full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times. Then offer for recycling if available or reconditioning if appropriate or puncture and dispose of 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.

The Drexel logo is a registered trademark of Drexel Chemical Company.