



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

EPA Reg. Number:

19713-720

Date of Issuance:

12/16/21

NOTICE OF PESTICIDE:

Registration
 Reregistration
(under FIFRA, as amended)

Term of Issuance:

Conditional

Name of Pesticide Product:

DREXEL DEFOL 49% MUP

Name and Address of Registrant (include ZIP Code):

Drexel Chemical Company
P.O. Box 13327
Memphis, TN 38113-0327

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 conditionally registered in accordance with FIFRA section 3(c)(7)(A). You must comply with the following conditions:

1. Submit and/or cite all data required for registration/reregistration/registration review of your product under FIFRA when the Agency requires all registrants of similar products to submit such data.

Signature of Approving Official:

Emily Schmid

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

Date:

12/16/21

2. You are required to comply with the data requirements described in the DCI identified below:

a. Sodium chlorate GDCI-073301-1624

You must comply with all of the data requirements within the established deadlines. If you have questions about the Generic DCI listed above, you may contact the Chemical Review Manager in the Pesticide Reevaluation Division: <http://iaspub.epa.gov/apex/pesticides/f?p=chemicalsearch:1>

3. You are required to submit to the Agency the following studies:

- (Non-guideline study; OECD TG 245) 10-day Honey Bee Chronic Toxicity Test
- (Non-guideline study; OECD TG 239) 22-day Honey Bee Larval Chronic Toxicity Test

Your failure to provide these data in a timely or adequate manner may result in initiation of a cancellation action against your registration.

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.

5. Make the following label changes before you release the product for shipment:

- Revise the EPA Registration Number to read, “EPA Reg. No. 19713-720.”

6. 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 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 you fail to satisfy these data requirements, EPA will consider appropriate regulatory action including, among other things, cancellation under FIFRA section 6(e). 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 CSFs:

- Basic CSF dated 2/22/2021

If you have any questions, please contact Sarah Meadows by phone at 202-566-2828, or via email at meadows.sarah@epa.gov.



ACCEPTED
12/16/2021
Under the Federal Insecticide, Fungicide and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 19713-720

Defol[®] 49% MUP

Manufacturing Use Only: For use in the manufacturing of herbicides and defoliant/desiccants and in the manufacture of products for generating chlorine dioxide for use as a biocide.

ACTIVE INGREDIENT:	
Sodium chlorate	49.0%
OTHER INGREDIENTS:	51.0%
TOTAL:	100.0%

KEEP OUT OF REACH OF CHILDREN CAUTION

(See FIRST AID Below)
(See Side (Back) Panel for FIRST AID)
[See Container Labeling for (FIRST AID and) Complete Directions for Use]

EPA Reg. No. 19713-XXX
EPA Est. No. 19713-XX-X

Net Content: _____ Gal. _____ (L)

FIRST AID
IF ON SKIN OR CLOTHING: <ul style="list-style-type: none"> • 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 <ul style="list-style-type: none"> • 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.
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also call CHEMTREC at 800-424-9300 for emergency medical treatment information.

Manufactured By:

Drexel Chemical Company
 P.O. BOX 13327, MEMPHIS, TN 38113-0327
 SINCE 1972

DEFOL and the DREXEL logo are registered trademarks of Drexel Chemical Company.

DefolMUPSP-0121*P

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION: Harmful if absorbed through skin. Causes moderate eye irritation. 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 the 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 Pollution 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.

PHYSICAL / CHEMICAL HAZARDS

Sodium chlorate is a strong oxidizing solution. Do not contaminate with dirt, oils or organic matter of any sort. Contamination may cause violent chemical reactions, fire and explosion. Clean up all chemical spills immediately. Allowing spills to dry or concentrate may cause spontaneous combustion. In case of chemical spills, avoid bodily contact. Wear appropriate protective equipment.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

Only for formulation as a defoliant/desiccant applied to the following crops: Beans (Dry), Chili peppers, Corn, Cotton, Cucurbits (grown for seed), Flax, Guar, Peas (Southern), Potatoes, Rice, Safflower, Sorghum (Grain), Soybeans, Sunflower, Wheat and agricultural drainage systems and fallow land and as a herbicide applied to non-agricultural settings (residential, commercial and industrial).

Also for use in the manufacture of products for generating chlorine dioxide for use as a biocide for the following uses: Drinking water treatment and industrial process water treatment for recirculating and non-recirculating cooling water, fuel and industrial ethanol fermenters, textile processing water and pulp and paper process water, pasteurizer, cannery and retort water systems, impounded lake, pond and reservoir water including industrial waste water, sewage and wastewater systems, gas and oil recovery injection water; fracturing system fluids, ultrasonic tank water; photo processing wash water; and leather processing solutions, agricultural water uses (non-food contact), or ballast water treatment.

This product may be used to formulate products for specific uses(s) not listed on this label if the formulator, user group or grower has complied with the U.S. EPA data submission requirements regarding the support of such use(s). Formulators using this product are responsible for providing the required data by EPA for registration of their product(s).

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

PESTICIDE STORAGE: Store in cool, dry area away from heat sources including friction and impact. Store separately and keep from contact with explosives, flammable materials, charcoal, sugar, strong acids, aluminum, arsenic, copper, manganese dioxide, potassium cyanide, thiocyanates, sulfur, sulfides, zinc, starch, shellac, ammonium salts, phosphorus, metal powders, expanded plastics such as polystyrene and polyurethane and other oxidizable materials. Spillage may cause fires. Sweep into clean container and remove immediately. Keep away from fire. Do not smoke when handling. Do not drop, skid or slide containers. When not in use, keep tightly closed in original container. **DRUMS:** Store no more than two drums high. Store on gravel or crushed stone. Avoid storing on asphalt paved area. **BULK:** Store in properly designed tank or original container.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. 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 or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER HANDLING:

Nonrefillable Container (rigid material; > 5 gallons up to < 250 gallons): Nonrefillable container. Do not reuse or refill this container. 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. Offer for recycling, if available, or dispose of empty container in a sanitary landfill or by or by other procedures allowed by state and local authorities.

Refillable Container (\geq 250 gallons & Bulk): 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. Offer for recycling, if available, or dispose of empty container in a sanitary landfill or by or by other procedures allowed 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. To the extent consistent with applicable law, the foregoing is a condition of sale and is accepted as such by the Buyer.