



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

December 23, 2016

Luz Chan  
Registration Manager  
Drexel Chemical Company  
P. O. Box 13327  
Memphis, TN 38113-0327

Subject: Label Amendment – Adding biocide as a use and updating the label  
Product Name: Drexel Defol Tech II  
EPA Registration Number: 19713-632  
Application Date: October 7, 2016  
Decision Number: 522860

Dear Ms. Chan:

The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable. This approval does not affect any conditions that were previously imposed on this registration. You continue to be subject to existing conditions on your registration and any deadlines connected with them.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

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.

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Your release for shipment of the product constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6. If you have any questions, please contact Shanta Adeeb by phone at 703-347-0502, or via email at [adeeb.shanta@epa.gov](mailto:adeeb.shanta@epa.gov).

Sincerely,

A handwritten signature in blue ink, appearing to read "Reuben Baris". The signature is stylized and cursive.

Reuben Baris, Product Manager 25  
Herbicide Branch  
Registration Division (7505P)  
Office of Pesticide Programs

Enclosure



<b>A C C E P T E D</b>
12/23/2016
Under the Federal Insecticide, Fungicide and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 19713-632

# Defol. Tech-II

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

<b>ACTIVE INGREDIENT:</b>	
Sodium chlorate .....	99.8%
<b>OTHER INGREDIENTS:</b> .....	0.2%
<b>TOTAL:</b> .....	100.0%

## KEEP OUT OF REACH OF CHILDREN CAUTION

**See First Aid Below**

EPA Reg. No. 19713-632  
EPA Est. No. 19713-XX-X

Net Content: \_\_\_\_\_ Lbs. \_\_\_\_\_ (Kg)

FIRST AID
<p><b>IF ON SKIN OR CLOTHING:</b></p> <ul style="list-style-type: none"> <li>• Take off contaminated clothing</li> <li>• Rinse skin immediately with plenty of water for 15 to 20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<p><b>IF IN EYES</b></p> <ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15 to 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>
<p>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 medical emergency.</p>

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.

## **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.

### **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.

**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. Do not reuse or refill this container. Completely empty bag into manufacturing equipment by shaking and tapping sides and bottom to loosen clinging particles. The bag is a hazardous waste and must be disposed of in accordance with local, state and federal regulations. **DRUMS WITH LINERS:** Completely empty liner into manufacturing equipment by shaking and tapping sides and bottom to loosen clinging particles. The liner is a hazardous waste and must be disposed of in accordance with local, state and federal regulations. Offer the drum for recycling if available or dispose of in a sanitary landfill or by incineration. Do not burn unless allowed by the state and local ordinances.

## 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.