

Drexel

Defol

Cotton Defoliant with Fire Retardant

ACTIVE INGREDIENT:

Sodium Chlorate 28.0%

INERT INGREDIENTS: 72.0%

TOTAL: 100.0%

*Equivalent to 28.0 pounds of Sodium Chlorate per gallon

Keep Out Of The Reach Of Children

WARNING/AVISO

PRECAUTIONARY STATEMENTS: Avoid contact with skin. Wash thoroughly with soap and water. Avoid contact with eyes. Avoid contact with clothing. Wash thoroughly with soap and water before reuse.

EPA Registration Number 19713-12

EPA Establishment Number 19713-MS-1

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING: Irritant. Causes eye damage. Harmful to fish and wildlife. Avoid contact with skin. Wash thoroughly with soap and water before reuse. Avoid contact with clothing. Wash thoroughly with soap and water before reuse. Do not apply to plants in such a manner as to drift or blow onto people or animals. Do not apply to plants in such a manner as to drift or blow onto people or animals. The area being treated must be vacated by people and pets.

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Do not induce vomiting. Give 1 cup of water. If unconscious, give 1 cup of water. Do not give anything by mouth if unconscious. Get medical attention.

IF IN EYES: Flush with water for 15 minutes. Get medical attention.

IF SPILLED ON SKIN: Wash with plenty of soap and water. Get medical attention if irritation persists.

NOTE TO PHYSICIAN: The active ingredient may irritate the skin. Avoid contact with eyes.

ENVIRONMENTAL HAZARDS

Keep out of lakes, streams and ponds. Do not apply when weather conditions favor drift from target area.

GENERAL INFORMATION

WARNING: Do not allow spray to contact adjacent crops or other plants which may be damaged. Clean spray equipment before and after use. Do not allow wash water to contact adjacent plants. Do not allow equipment to come in contact with these plants. Do not allow wash water to come in contact with these plants. Do not allow wash water to come in contact with these plants.

DIRECTIONS FOR USE

Apply 1.0 to 2.0 gallons per acre to the ground. Do not apply to plants which are in bloom. Do not apply to plants which are in bloom.

FARMWORKER SAFETY

Do not enter treated areas without protective clothing until sprays have dried. Because certain states may require more restrictive re-entry intervals for various crops treated with this product, consult your State Department of Agriculture for further information.

Written or oral warnings must be given to workers who are to be in a treated area or in an area about to be treated with this product. Include specific oral warnings which inform workers of a re-entry period which may not be entered without specific protective clothing. Period of time before re-entry is vacated and appropriate action to take in case of accidental exposure. When oral warnings are given, written warnings should be given in a language commonly understood by the workers. (A warning must be given if the worker is to believe that written warnings are to be relied upon by workers. Written warnings must include the following information: **WARNING:** Avoid contact with skin. Avoid contact with eyes. Avoid contact with clothing. Wash thoroughly with soap and water before reuse. Do not apply to plants in such a manner as to drift or blow onto people or animals. Do not apply to plants in such a manner as to drift or blow onto people or animals. The area being treated must be vacated by people and pets.

COTTON DEFOLIATION: The purpose of this product is to defoliate cotton plants. The chemical is applied to the leaves of the cotton plant and causes the leaves to turn yellow and drop. The leaves will drop within 7 to 10 days after application. Plants should not be drought-stressed before application. Water should be permitted to uptake of the chemical and growth of an abscisic acid. When defoliants are applied to drought-stressed plants, the leaves will not drop usually, but they thereby causing extra trash to be picked up in harvesting.

Weather conditions that favor good defoliation are high temperatures, high humidity, low wind velocity and high relative humidity. Conditions which favor good defoliation are ample fertility and moisture. Complete control should be maintained to maintain vegetative growth and a maximum of seed and growth.

Apply 1.0 to 2.0 gallons of DEFOL per acre in sufficient water to give thorough coverage. When using ground equipment, apply with 20 to 30 gallons of water per acre and by air, apply with 10 to 20 gallons of water per acre. The spray coverage is essential.

Apply DEFOL to mature cotton plants after the greatest boll opening. Do not make cotton more than 3 days old. Do not apply more than 1 day before harvest.

GRAIN SORGHUM: DEFOL may be used to reduce the moisture content in grain sorghum prior to harvest.

DEFOL may be applied by a tractor or ground equipment. Apply 1.0 to 2.0 gallons of DEFOL per acre in sufficient water to give thorough coverage. The grain sorghum is essential.

Apply DEFOL to mature cotton plants after the greatest boll opening. Do not make cotton more than 3 days old. Do not apply more than 1 day before harvest. Apply DEFOL to mature cotton plants after the greatest boll opening. Do not make cotton more than 3 days old. Do not apply more than 1 day before harvest. Apply DEFOL to mature cotton plants after the greatest boll opening. Do not make cotton more than 3 days old. Do not apply more than 1 day before harvest.

BUNFLOWER: To facilitate harvest and reduce moisture in the fully mature seed head, apply 2 gallons of DEFOL in sufficient water to give good coverage.

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coverage 7 or more days before normal harvest when sunflower heads are fully mature. Apply in 5 to 10 gallons of water per acre by air or in 20 to 30 gallons of water per acre by ground with a high clearance sprayer. Do not apply later than 7 days before harvest. Do not graze treated fields or feed treated forage within 14 days of application.

SAFFLOWERS—To facilitate harvest and reduce moisture in the fully mature seed heads apply 2 gallons of DEFOL in sufficient water to give good coverage, 7 or more days before normal harvest, when safflower heads are fully mature. Apply in 5 to 10 gallons of water per acre by air or in 20 to 30 gallons of water per acre by ground. Do not apply later than 7 days before harvest. Do not graze treated fields or feed treated forage.

RICE—To facilitate harvest and reducing moisture in the fully mature seed heads, and to desiccate immature red rice in mature white rice, apply by aircraft 1½ to 2 gallons of DEFOL per acre in 5 or more gallons of water per acre. Use the lower rate when crop conditions and weather are right to enhance rapid drying. Apply 7 to 10 days before anticipated harvest. To avoid drift do not apply during windy weather. Thorough coverage of the crop is essential to achieve good results. Do not graze treated fields or feed treated straw or crop residues within 14 days of application.

SOYBEANS—As a soybean harvest aid to dry weeds in early maturing soybeans and to facilitate the harvest, apply 2 gallons of DEFOL per acre in enough water to give thorough coverage, application may be made by ground equipment or aircraft. Make application 7 to 10 days before anticipated harvesting date when beans are mature and ready for harvest. For air application use a minimum of 5 gallons ready-to-apply spray solution per acre. For ground equipment apply a minimum of 20 gallons of ready-to-apply spray solution per acre. Do not graze treated fields or feed treated soybean foliage.

GUAR BEANS—To facilitate harvest and reduce bean seed moisture, apply 2 gallons of DEFOL in enough water to provide thorough coverage either by aircraft or ground equipment. Make application 7-10 days before anticipated harvest date. Do not apply under conditions of extreme heat during the middle of the day. For air application, use 5-10 gallons of total solution per acre, for ground application, use a minimum of 20 gallons of total solution per acre.

NOTE: DO NOT graze treated fields or feed treated fodder or forage to livestock.

CHILIPEPPERS—Apply 1 to 2½ gallons per acre in 5 to 15 gallons of water by aircraft and 20 to 40 gallons of water by ground rig. To be used on peppers for processing only. Apply 10 days before harvest. When grown for processing consult a processor before applying.

FLAX—For Use as a Harvest Aid. To desiccate trashy weeds and desiccate the mature crop apply 2 gallons Defol per acre in enough water to give thorough coverage. Make application on bright, sunny days (preferably when temperature is above 60°F) 7 to 10 days before anticipated harvest date. For air application use minimum of 5 gallons ready-to-apply material per acre. Activity of the spray will be enhanced by the addition of a good nonionic surfactant at the rate of 1 quart per 100 gallons of spray.

NOTE: DO NOT graze treated fields or feed treated flax foliage and fodder for 14 days after application.

CORN—Defol may be used as a harvest aid for desiccation of trashy weeds in early maturing corn. Use 2 gallons of Defol in 5 to 7 gallons of water per acre by air. Apply at least 14 days before anticipated harvest date on clear days when temperature is expected to go above 70°F. Use the 5 gallon rate when weeds are small and the crop canopy is fairly open.

NOTE: DO NOT graze treated fields or feed fodder, forage or residual seeds within 14 days of application.

STORAGE AND DISPOSAL

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

STORAGE INSTRUCTIONS: Storage should be under lock and key and secure from access by unauthorized persons and children. Storage should be in a cool dry area away from any heat or ignition source. Do not stack plastic containers (4X1 gal or 2X2.5 gal) over 2 pallets high. Do not stack metal containers over 4 pallets high. Move containers by handies or cases. Do not move containers from one area to another unless they are securely sealed. Keep container tightly sealed when not in use. Keep away from any puncture source. Avoid storage near water supplies, food, feed and fertilizer to avoid contamination. Store in original containers only. Unloading storage and work areas must be as clean as possible to prevent contamination if spilled. If concentrate or spray solution is allowed to dry on flammable objects, the chlorate component can act as an oxidizer. If the contents are leaking or material is spilled follow these steps:

1. Contain spill, absorb with a material such as saw dust, clay granules or dirt.
2. Collect and place in suitable containers for disposal.
3. Wash area with water and soap to remove remaining pesticide.
4. Follow washing with clean water rinse.
5. Clothing contaminated with chlorate solution must be removed at once before solution dries. Dried contaminated clothes can be ignited easily. Wash contaminated clothing immediately.
6. Do not allow run off to enter sewer or contaminate water supplies.
7. Dispose of waste as indicated below.

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

Container Disposal: Metal—Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities. **Plastic containers**—Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

WARRANTY—CONDITION OF SALE:

OUR RECOMMENDATIONS FOR USE of this product are based upon tests believed reliable. Follow directions carefully. Timing and method of application, weather and crop conditions, mixtures with other chemicals not specifically recommended, and other influencing factors in the use of this product are beyond the control of the seller. Buyer assumes all risks of use, storage and handling of this material not in strict accordance with directions given herewith. In no case shall Drexel or the Seller be liable for consequential, special or indirect damages resulting from the use or handling of this product when such use and/or handling is not in strict accordance with directions given herewith. The foregoing is a condition of sale by Drexel Chemical Company and is accepted as such by the Buyer.



Manufactured By

Drexel Chemical Company

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