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U.S. ENVIRONMENTAL AGENCY Office of Pesticide H Registration Divisio Ariel Rios Buil 1200 Pennsylvania Washington, D.C	Programs n (7505P) ding Ave., NW	EPA Reg. Number: 19713-12	Date of Issuance: JUN 152009	
NOTICE OF PESTICIDE: Registration X_ Reregistration (under FIFRA, as amended)		Term of Issuance: Name of Pesticide Pro Drexel Defol	oduct:	
Name and Address of Registrant (include ZIP Code): Drexel Chemical Company P.O. Box 13327 Memphis, TN 38113-0327		· · · ·		
On the basis of information furnished by the registrant, the above nam Fungicide and Rodenticide Act. Registration is in no way to be constr to protect health and the environment, the Administrator, on his motic with the Act. The acceptance of any name in connection with the reg right to exclusive use of the name or to its use if it has been covered b This product is reregistered in accordance with 1. Submit and/or cite all data required for reg	ued as an endorsement or recon, may at any time suspend of istration of a product under they others. h FIFRA section 4(gistration/reregistra	commendation of this prod or cancel the registration of his Act is not to be constru- (g)(2)(C) provided tion review of yo	luct by the Agency. In order f a pesticide in accordance led as giving the registrant a d you:	
the Agency requires all registrants of similar2. Make the following changes to the production a. Per the acute toxicity review, revise the second second	t label: e signal word from	"WARNING/AV		
"CAUTION". The Spanish signal worldwarelonger required and may be removed.b. Revise the First Aid statements so that Swallowed" and "If on Skin or Clothing"	t the "If in Eyes" sta	atement is listed t		
c. Revise the Hazards to Humans and Do "CAUTION: Causes moderate eye in			clothing."	
d. Revise the Pesticide Disposal statemen product must be disposed of on site or		-		
e. Revise the Container Disposal section	in accordance with	PR Notice 2007	-4.	
Signature of Approving Official: Jim Tompkins Product Manager 25 Herbicide Branch Registration Division (7505/P)	~	Date:	N 15 2009	
PA Form 8570-6				

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f. Revise the phrase in the first sentence under the Warranty section to read "OUR DIRECTIONS FOR USE..." Also, revise the phrase in the third sentence to read "...mixtures with other chemicals not specifically directed..."

A stamped copy of your label is enclosed for your records. You must submit one (1) copy of the final printed label before you release the product for shipment. Products shipped after 12 months from the date of this Letter or the next printing of the label whichever occurs first, must bear the new revised label. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

Enclosure

ACCEPTED with COMMENTS in EPA Letter Dated JUN 1 5 2009

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







ACTIVE INGREDIENT:

Sodium chlorate	28.0%
OTHER INGREDIENTS:	72.0%
TOTAL:	100.0%

This product contains 3 pounds of Sodium chlorate per gallon.

WARNING / AVISO

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.)

See FIRST AID Below SHAKE WELL BEFORE USING

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EPA Est. No. 19713-MS-001

FIRST AID

Net Content:

IF SWALLOWED:

- · Call a poison control center or doctor immediately for treatment advice.
- Have 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 or convulsing person.

 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 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.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For information on this pesticide product (including health concerns, medical emergencies or pesticide incidents), call the National Pesticide Information Center at 1-800-858-7378.

PRECAUTIONARY STATEMENTS Hazards to Humans and Domestic Animals

WARNING: Causes substantial but temporary eye injury. Do not get in eyes or on clothing. Harmful if swallowed.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemical-resistant to this product are made of any waterproof material such as polyethylene or polyvinyl chloride. If you want more options, follow the instructions for category A on an EPA chemical-resistance category selection chart.

All mixers, loaders, applicators, and other handlers must wear: Longsleeved shirt and long pants, shoes, and socks.

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. See engineering controls for additional requirements.

Enclosed Cockpits/Cabs: Applicators must use an enclosed cockpit or enclosed cab that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240 (d)(6)].

USER SAFETY RECOMMENDATIONS

Users should: 1) Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. 2) Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. 3) Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

Do not apply directly to water or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when cleaning equipment or disposing of equipment washwater or rinsate.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Do not apply this product through any type of irrigation system. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard (WPS), 40 CFR Part 170. This standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, greenhouses and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted entry interval (REI). The requirements in this box only apply to uses of this product that are covered by the WPS.

Do not enter or allow worker entry into treated areas during the REI of 12 hours.

PPE required for early entry to treated areas that is permitted under the WPS and that involves contact with anything that has been treated, such as plants, soil or water is: Coveralls, shoes and socks, and chemical-resistant gloves made of any waterproof material.

APPLICATION

DEFOL may be applied by aircraft or ground equipment. It is essenticil that the foliage be thoroughly covered. The specified dilution rates should be carefully observed. A non-ionic surfactant such as Surf-Ac® 820 or an emulsificitic crop oil such as Peptoil® may enhance the results. This product should not be mixed with insecticides or other organic materials, unless specifically recommended, because a fire or explosion may result.

Precautions should be taken to avoid having spray occoray drift context adjacent crops or desirable vegetation or they may be defuliated. Equipment should be washed before and after use and care should be taken so that product does not dry in tank or on spray nozzles. Washwater should not be allowey to contact desirable vegetation.

When using this product under dry land conditions, fojury may occur to rotational crops.

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

SPRAY DRIFT MANAGEMENT

A variety of factors including weather conditions (e.g., wind direction, wind speed, temperature, relative humidity) and method of application can influence pesticide drift. The applicator must evaluate all factors and make appropriate adjustments when applying this product.

Wind Speed

Do not apply at wind speeds greater than 15 mph.

Droplet Size

Apply as a medium or coarser spray (ASAE Standard 572).

Temperature Inversions

If applying at wind speeds less than 3 mph, the applicator must determine if: a) conditions of temperature inversion exist, or b) stable atmospheric conditions exist at or below nozzle height.

Do not make applications into areas of temperature inversions or stable atmospheric conditions.

Other State and Local Requirements

Applicators must follow all state and local pesticide drift requirements regarding application of sodium chlorate. Where states have more stringent regulations, they must be observed.

Equipment

All application equipment must be properly maintained and calibrated using appropriate carriers or surrogates.

Additional Requirements for Aerial Applications

- 1. The boom length must not exceed 75% of the wingspan or 90% of the rotor blade diameter.
- Release spray at the lowest height consistent with efficacy and flight safety. Do not release spray at a height greater than 10 feet above the crop canopy unless a greater height is required for aircraft safety.
- 3. When applications are made with a crosswind, the swath must be displaced downwind. The applicator must compensate for this displacement at the up and downwind edge of the application area by adjusting the path of the aircraft upwind.

Additional Requirement for Groundboom Application

Do not apply with a nozzle height greater than 4 feet above the crop canopy.

DEFOLIATION

Ideally, defoliation is favored on clear, calm, sunny days with high temperatures and high humidity. If rain is anticipated within 24 hours, application should be delayed whenever possible. Defoliation may be slowed when daytime temperatures are below about 60°F and with some crops, especially with vigorous varieties, regrowth can occur.

In order to obtain acceptable defoliation results, the crop must be fully mature. In most cases, the signs of maturity include:

 A slight discoloration of the foliage is apparent, often with a yellowish or reddish tinge.

Vegetative growth has slowed or ceased, with little or no secondary growth.
 A slight downward pull on a leaf gives a clean break from the stalk.

Adequate fertility, ample soil moisture, good insect control and good weed control also favor defoliation. Plants which have been under stress as from drought or insect pressure give less reliable results because tough, willed or damaged leaves do not permit the proper uptake of the chemical and tend to inhibit the formation of an abscission layer. Typically, under such circumstances, the leaves are desiccated but do not drop, which in turn, often causes problems with excessive trash during harvesting.

For crops where there is a heavy canopy of foliage, obtaining thorough coverage is sometimes difficult. Whenever practical, the use of ground equipment should be considered. The higher dilution rates should be used and any other available methods employed which will assure that the plants are completely covered all the way to the bottom leaves. If coverage is incomplete, a second application may be necessary in order to defoliate the lower leaves and to prevent secondary growth.

DESICCATION

When the objective is to reduce crop moisture or to desiccate weeds prior to harvest, most of the points discussed under defoliation are applicable. Incomplete coverage will give erratic results, especially with vines such as Morningglory where the slender stems may be sheltered from the spray by the crop canopy, leaving the vines succulent and tough so they will become entangled in the harvesting machinery. Once again, larger spray volume will encourage more complete coverage and more reliable desiccation.

CROPS

Crop	Rate per Acre	Water
Chili peppers	1 to 2.5 gals.	Air: 5 to 15 gals.
		Ground: 20 to 40 gals.
	ONS: Apply 10 days be ing only. Consult a proc	fore harvest. To be used on essor before applying.
Com	2 gals.	Air: 5 to 7 gals.
early maturing Corn Use the low (5 gal.) canopy is fairly oper	, apply at least 14 days dilution rates when wee n. Desiccation of Mornin uze treated fields or feed	o desiccate trashy weeds in before anticipated harvest date. ds are small and the crop gglory and other vines may be I fodder, forage or residual grain

		401
Crop	Rate per Acre	Water
Cotton	1 to 2 gals.	Air: 5 to 10 gals.
		Ground: 10 to 20 gals.
		7 days before harvest. The
		gest bolls expected to make
	st 30 days old. Thorough o ted fields or feed ain wast	e to livestock. DO NOT apply
		per application. A maximum of
one application per	year is permitted, except	in California, where a maxi-
	tions per year is permitted	l
Dry beans	2 gals.	Air: 5 to 10 gals.
		Ground: 10 to 20 gals.
		to 10 days before anticipated
		ough coverage is essential. fodder or forage to livestock.
Flax	2 gals.	Air: 5 gals. (minimum)
	2 gais.	Ground: 10 gals. (minimum)
SPECIFIC DIRECT	IONS: As a barvest aid to	desiccate trashy weeds and
		in sufficient water to give thor-
		ed harvest date. Activity of the
		ood, non-ionic surfactant at the
	J gals. of spray. DO NO I (and fodder for 14 days at	graze treated fields or feed
Grain sorghum	1.5 to 2 gals.	Air: 5 to 10 gals.
crain sorginans	1.0 LO 2 yais.	Ground: 10 to 20 gais.
SPECIFIC DIRECT	IONS: To reduce the mois	sture content of the grain while
		to give thorough coverage, 7
to 10 days before h	arvest. Use the lower rate	es when grain moisture is low
		her rate when conditions for
desiccation are poo		
Guar beans	2 gais.	Air: 5 to 10 gals.
	 FIONE: Make englishing f	Ground: 10 to 20 gals.
		7 to 10 days before anticipated r feed treated fodder or forage
to livestock.	to r glaze trated holds o	riced tratted lodder of longe
Potatoes	2 gals.	Air: 5 to 10 gals.
		Ground: 10 to 20 gals.
SPECIFIC DIRECT	FIONS: To defoliate plants	and facilitate harvest, apply in
		e. Apply 10 days before har-
		eme heat during the middle of
livestock.	graze treated neids of reed	I treated fodder or forage to
Rice	1.25 to 2 gals.	Air: 5 or more gals.
		arvest and reduce moisture in
		e immature Red rice in mature
		nditions and weather are right
		before anticipated harvest. To
		er. Thorough coverage of the
	or crop residues within 14	NOT graze treated fields or days of application
Safflowers	2 gals.	Air: 5 to 10 gals.
	× 9413.	Ground: 20 to 30 gals.
SPECIFIC DIREC	TIONS: Make application	7 or more days before normal
		ire. DO NOT graze treated
fields or feed treat	ed forage.	
Southern peas	2 gals.	Air: 5 to 10 gais.
	1	Ground: 10 to 20 gals.
		je is essential. Máke apolica-
		longordf.temperatures are cool.
		fodder of forage to livestock.
Soybeans	2 gals.	Air: 5 gals. (minimum)
SPECIFIC DIPEC	and the second data was not a second data was	vest aid to dry weeds in early
		vest, make application 7 to 10
		Beans are mature and ready for
		d treated Soybean foliage.
Sunflowers		Crece Air: 5 to 10 gals.
		Ground: 20 to 30 gais.
		st and reduce moisture infully
		r to give good coverage. When
		Ince sprayer. Make apúlication 7
	oly later than 7 days before	Sunflower heads are fully ma-
	ed treated forage within 1	

DEFOL Page 2 of 3

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: 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 over 2 pallets high. Move containers by handles or cases. Do not move containers from one area to another unless they are securely sealed. Keep containers 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 fiammable 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 sawdust, clay granules or dirt.
- 2. Collect and place in suitable containers for disposal. 3. Wash area with soap and water 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 runoff 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: 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-CONDITIONS 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. To the extent consistent with applicable law, Buyer assumes all risks of use, storage and handling of this material not in strict accordance with directions given herewith.

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 when such use and/or handling is not in strict accordance with directions given herewith. The foregoing is a condition of sale by the Seller and is accepted as such by the Buyer.