19713-231

07-30-1999 0 1-1

Please read instructions on reverse	e before completing fo	rm,	Fo	m Approved	. OMB No.	2070-006). Approval ex	xpires 2-28-95
SEPA Env	United S Vironmental Pro Washington,	tection Age	ncy	V	Registra Amendr Other		OPP Identifie	ਭ Number
	Appl	ication for P	esticide -	Section	l	",,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	· 	
1. Company/Product Number 19713-231			2. EPA Produc MR. LEONA	t Manager			posed Classifi	cation Restricted
4. Company/Product (Name) DREXEL DIMETHOATE 4E0	0		PM# C U		e Branch			- Trestricted
5. Name and Address of Applicant Drexel Chemical Compar MEMPHIS, TN 38113-03	ny, P.O. Box 1332	27	(b)(i), my pro to:	duct is sim	ilar or ident	ical in coi	FIFRA Section and	d labeling
Check if this is a n	ew address		Product Na	ıme				
		Sect	ion - II					
Amendment - Explain below	N.		Final Agen	printed label cy letter date	s in repsons: ed	to NOT	FICATION	
Resubmission in response t Notification - Explain below	,		<u></u>	Too" Applica r - Explain be		JUL	3 0 1999	
herewith, for your record and file. The herewith. Thank you.	nis correction is highlight			tification State	ement as per	PR Notice	98-10 is also su	ibmitted,
		Secti	on - III					-
1. Material This Product Will Be Pa		1			Γ			*····
Yes No If "Y				. per ntainer	2. Type of	Metal Plastic Glass Paper Other (S	pecify)	
3. Location of Net Contents Inform		e(s) Retail Contain	1	5. Loc	estion of Lab	el Directio	ns	
6. Manner in Which Label is Affixe		Lithograph Paper glued Stenciled		Other				
		Secti	on - IV					
1. Contact Point Complete items	directly below for iden	tification of individ	fuel to be conti	ected, if nece	essary, to pro	cess this	application.)	
Name LUZ G PIWONKA		Title REGISTE	RATION MAN	AGER		Telephone (901) 774-	No. (Include / 4370	krea Code)
I certify that the statements I acknowledge that any knowledge that any knowledge that any knowledge law.	I have made on this fo						6. Date Applic Received (Stame	
2. Signature Cuz G. F	iunha	3. Title REGISTR	ATION MANAG	ER				
4. Typed Name LUZ G PIWONKA		5. Date	July 22,	1999				•••••



NOTIFICATION

JUL 3 0 1999

Dimethoate 4EC

Systemic Insecticide - Miticide

ACTIVE INGREDIENT:

One gallon contains 4 pounds of the active ingredient Dimethoate.

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 this label, find someone to explain it to you in detail.)

See FIRST AID Below SHAKE WELL BEFORE USING

EPA Reg. No. 19713-231 EPA Est. No. 19713-GA-1

Net Contents:

FIRST AID

IF SWALLOWED: Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Do not give anything by mouth to an unconscious person, Call a physician immediately.

IF ON SKIN: Wash skin with soap and water.

IF INHALED: Remove victim to fresh air. Apply artificial respiration if breathing has stopped. Call a physician.

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

NOTE TO PHYSICIAN: Atropine is antidotal. Pralidoxime chloride may be effective as an adjunct to atropine. This product may cause cholinesterase inhibition. Treatment should be directed at the control of symptoms and clinical condition. Dimethoate is an organophosphate insecticide/miticide.

PRECAUTIONARY STATEMENTS

Hazards To Humans and Domestic Animals

WARNING: Harmful or fatal if swallowed. Avoid breathing vapor or spray mist. Avoid contact with skin, eyes and clothing. May cause eye irritation. Use only with adequate ventilation. Do not contaminate food and feed products.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category B on an EPA chemical resistance category selection chart.

Applicators and other handlers must wear: Long-sleeved shirt and long pants, chemical-resistant gloves, such as Barrier laminate or Butyl rubber, chemical-resistant footwear plus socks, protective eyewear and chemical-resistant headgear for overhead exposure. For exposures in enclosed areas, a respirator with an organic-vapor removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approval number prefix TC-23C), or a canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14G), or a NIOSH approved respirator with an organic vapor (OV) cartridge or canister with any R P or HE prefilter.

For exposures outdoors, dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C), or a NIOSH approved respirator with any R, P or HE filter.

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

(Continued)

PRECAUTIONARY STATEMENTS (Continued)

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

Engineering Control Statements: When handlers use closed systems, enclosed cabs or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240 (d) (4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

USER SAFETY RECOMMENDATIONS

Users should: 1) Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. 2) Remove clothing 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

This product is toxic to wildlife and aquatic invertebrates. For terrestrial uses, do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water by cleaning of equipment or disposal of wastes.

This pesticide is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds if bees are visiting the treatment area.

CHEMICAL HAZARDS

Do not use, pour, spill or store near heat or open flame. Do not use this product in or on electrical equipment due to possibility of shock hazard

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, 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), restricted entry interval (REI) and notification to workers. The requirements in this bos only apply to uses of this product that are covered by the Worker Protection Standard.

(Continued)





AGRICULTURAL USE REQUIREMENTS (Continued)
Do not enter or allow worker entry into treated areas during the restricted entry interval of 48 hours.

Personal Protective Equipment required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil or water is: Coveralls, chemical-resistant gloves, such as Barrier laminate or Butyl rubber, chemical-resistant footwear plus socks, protective eyewear and chemical-resistant headgear for overhead exposure.

DIRECTIONS FOR DILUTION UNLESS STATED

<u>Dilute Application</u> - Ground Application For Field & Vegetable Crops: Apply specified rate in 20 to 60 gallons of water per acre.

Concentrate Application - Ground Application: Apply specified rate in not less than 5 gallons of water per acre.

Orchard Application - Apply equivalent per acre rates in 20 to 100 gallons of water per acre. Special concentrate equipment is necessary for these uses.

Air Application - Apply specified rate in 5 to 20 gallons of water per acre. Apply and capacity and capacity

Automatic flagging devices should be used whenever feasible.

This product is intended for use in conventional hydraulic sprayers, ground applicators or aerial sprayers. Do not apply when weather conditions favor drift of spray from treated areas. Repeat applications as necessary unless otherwise specified. Consult your State Experiment Station or State Extension Service for proper timing of application.

FRUIT CROPS

Crop	Pest Controlled	Rate	PHI (Days)	
Apples	Apple maggots, Codling moths*	1 pt. per 100 gals. of water	28	
	SPECIFIC DIRECTIONS: Do not apply during the bloom period. Apply at petal fall and every 10 to 14 days thereafter until control is achieved. Under heavy infestations, some sting injury may occur. *Midwest and Eastern states only: Do not graze livestock in treated orchards. Do not apply when trees or substantial numbers of weeds in the orchard (grove) are in bloom.			
Apples, Pears	Aphids, Leafhoppers, Mites (except Rust mites)	1/2 to 1 pt. per 100 gals. of water	28	
	SPECIFIC DIRECTIONS: Do not apply during the bloom period. Do not graze livestock in treated orchards. Do not apply when trees or substantial numbers of weeds in the orchard (grove) are in bloom.			
Grapefruit, Lemons, Oranges, Tangerines	Aphids	GROUND: ½ to 1 pt. per 100 gais. of water. Apply as an outside coverage spray. AIR: 1 to 2 qts. per acre in 5 to 10 gais, of water.	15	
	SPECIFIC DIRECTIONS: Do not apply when trees or substantial numbers of weeds in the orchard (grove) are in bloom. Do not apply during the bloom period.			
	Mites (except Rust mites)	GROUND: ½ to 1 pt. per 100 gals. of water. Apply as a thorough coverage spray.	15	
	SPECIFIC DIRECTIONS: Do not apply when trees or substantial numbers of weeds in the orchard (grove) are in bloom. Do not apply during the bloom period.			
	Scales (except Black or Snow)	GROUND: 1 to 1½ pts. per 100 gals. of water. Apply as a thorough coverage spray.	45	
(Continued)	SPECIFIC DIRECTIONS: Do not apply when trees or substantial numbers of weeds in the orchard (grove) are in bloom. Do not apply during bloom period.			

Crop	Pest Controlled	Rate	PHI (Days)	
(Continued) Grapefruit, Lemons, Oranges, Tangerines	Thrips	GROUND: ½ to 1 pt. per 100 gals. of water. AIR: 1 to 2 qts. per acre in 5 to 10 gals. of water.	15	
iangennes	SPECIFIC DIRECTIONS: Do not apply when trees or substantial numbers of weeds in the orchard (grove) are in bloom. Do not apply during bloom period.			
	Whiteflies	GROUND: 1 pt. per 100 gals. of water. Apply as a thorough coverage spray.	15	
	SPECIFIC DIRECTIONS: Do not apply when trees or substantial numbers of weeds in the orchard (grove) are in bloom. Do not apply during bloom period. Do not use on citrus seedlings. Make no more than 2 applications to mature fruit. Do not graze livestock in treated orchards.			

NUT CROPS

Crop	Pest Controlled	Rate	PHI (Days)
Pecans	Aphids, Mites, Leafhoppers	¾ pt.	21
	SPECIFIC DIRECTIONS: Do not graze livestock in treated groves.		

VEGETABLE CROPS

Crop	Pest Controlled	Rate per Acre	PHI (Days)
Beans (dry, green, lima, snap)	Aphids, Bean leaf beetles, Grasshoppers, Leafnoppers, Leafminers, Lygus bugs, Mexican bean beetles, Mites	½ to 1 pt.	0
	This pesticide is h	TIONS: Do not feed treate ighly toxic to bees. Do not he areas to be treated whe m.	apply if
Broccoli, Cauliflower	Aphids	1/₂ to 1 pt.	7
Brussels sprouts (CA Only)	Aphids	1 to 2 pts.	10
	SPECIFIC DIRECTIONS: Apply in a minimum of 100 gals. of water per acre ground equipment. Do not graze livestock in treated fields. Do not apply by air. Do not exceed 6 applications per growing season.		
Cabbage	Aphids	½ to 1 pt.	3
Celery (FL)	Leafminers	1 pt.	7
Collards, Endive (escarole), Kale, Leaf lettuce, Mustard greens, Spinach, Swiss chard, Tumip (greens, roots)	Aphids, Leafhoppers, Leafminers	½ pt.	14
Head lettuce	Aphids, Leafhoppers, Leafminers	½ pt. •••	7
Lentils	Aphids	15 to 1 pt.	14
	SPECIFIC DIRECTIONS: Do not feed or graze treated plants. Do not make more than two applications per season.		
	Lygus	1 pt. •••	• 14
(Continued)		FIONS: Do not feed or graz se more than two application	

VEGETABLE CROPS (Continued)

Crop	Pest Controlled	Rate per Acre	PHI (Days)	
Lupine	Aphids, Lygus bugs	1/2 to 1 pt.	0	
	SPECIFIC DIRECTIONS: Apply when Aphids first appear. Make only 2 applications per season. Do not feed or graze forage or hay. This pesticide is highly toxic to bees. Do not apply if bees are visiting the area to be treated when crop or weeds are in bloom.			
Melons (except watermelons)	Aphids, Leafhop- pers, Leafminers, Thrips	1 pt.	3	
Peas	Aphids	1½ to 1 pt.	0	
	SPECIFIC DIRECTIONS: Do not feed or graze hay within 21 days after last application when a stationary viner is used. Do not feed or graze when a mobile viner is used. Do not make more than 1 application per growing season.			
	Lygus 1 pt. 0 SPECIFIC DIRECTIONS: Do not feed or graze hay within 21 days after last application when a stationary viner is used. Do not feed or graze when a mobile viner is used. Do not make more than 1 application per growing season.			
Peppers	Aphids, Leaf- miners, Maggots	1½ to ⅔ pt.	0	
Potatoes	Aphids, Grasshoppers, Leafhoppers, Leafminers	⅓ to ⅔ pt.		
Tomatoes	Aphids, Leafhop- pers, Leafminers	1/2 to 1 pt.	7	
Watermelons	Aphids, Leafhop- pers, Leafminers	½ to 2 pts.	3	

FIELD CROPS

Сгор	Pest Controlled	Rate per Acre	PHI (Days)	
Alfalfa	Aphids, Grass- hoppers, Leaf- hoppers, Plant bugs (including Lygus), reduction of Alfalfa weevil larvae	½ to 1 pt.	10	
	SPECIFIC DIRECTIONS: Make only one application per cutting. Effective only on cutting to which applied. This product is highly toxic to bees. Do not apply if bees are visiting the area to be treated when crop or weeds are in bloom.			
Cotton (Grown in CA and AZ)	Fleahoppers, Leafhoppers, Plant bugs including Lygus	½ to 1 pt.	14	
	SPECIFIC DIRECTIONS: Repeat applications should not be made at intervals closer than 14 days. Make only 2 applications per season at the higher rate. Do not feed treated forage or graze livestock on treated fields.			
Cotton	Aphids, Fleahoppers, Mites, Thrips	⅓ to ½ pt.	14	
	Plant bugs including Lygus	⅓ pt.		
	SPECIFIC DIRECTIONS: Repeat applications should not be made at intervals closer than 14 days. Do not feed treated forage or graze livestock on treated fields.			

Crop	Pest Controlled	Rate per Acre	PHI (Days)
Field com	Aphids, Banks grass	% to 1 pt.	(Days)
	mites (except Trans Pecos area of TX), Bean beetles, "Com	Aerial Application: See "Specific Directions"	
	rootworm adults, Two- spotted spider mites		
		S: Apply as necessary. Mak lications per year. Do not for	
	Corn during the pollen-s	last application. Do not application application when Mites appear. Apply a	tion:
	rates in 1 or more gals. *Not registered in CA.		
	Grasshoppers	1 pt. See "Specific Directions"	14
	pollen-shed period. Gro	S: Do not apply to Corn dur und Application: Apply ab er per acre. Aerial Applicat	ove rate
	Apply above rate in 2 or		
Safflower (Grown in CA and AZ)	Aphids, Leafhoppers, Plant bugs including Lygus, Thrips	1/2 to 1 pt.	14
		S: Repeat applications shou than 14 days. Make only 2 at the higher rate.	
Sorghum (milo)	Aphids (green bugs)	½ to 1 pt.	28
···-/	SPECIEIC DIPECTIONS	See "Specific Directions"	المارية
	28 days of last applications as needed per sea not apply during the pol	6: Do not feed or graze (mil on. Make no more than 3 a sson. Do not apply after hea len-shed period. Ground A	pplica- ading. Do ppll-
		e in 25 to 40 gals, of water bly above rate in 1 or more	
	Banks grass mites (excluding Trans Pecos area of TX), Spider mites	1 pt. See "Specific Directions"	
	shed period. Ground Ap	S: Do not apply during the populcation: Apply above rate. Apply above rate. Application: Apply water per acre.	e in 25 to
	Grasshoppers	1 pt. See "Specific Directions"	-
	shed period. Ground Ap 40 gals. of water per ac	Do not apply during the population: Apply above rate. Application: Application: Application: Application:	e in 25 to
	rate in 1 or more gals, o Sorghum midge	14 to 1/2 pt.	-
	SPECIFIC DIRECTIONS	See "Specific Directions" Do not apply during the p	ollen-
	more gals, of water per		
Soybeans	Bean leaf beetles, Leafhoppers, Mexican bean beetles, Spider mites, *Three-cornered alfalfa hoppers	1 pt. See "Specific Directions"	21
	of last application. Aeria	Do not feed or graze with Application: Apply recompals. of water per acre, "Not	n-mended
	Grasshoppers	1 pt. See "Specific Directions"	21
	of last application. Grou l 25 to 40 gals. of water p	Do not feed or graze with nd Application: Apply abour or acre. Aerial Application	ve rate in
Mheat	above rate in 1 or more Aphids (greenbugs)	gals. of water per acre.	485
		Do not make more than 2	<u>'-:</u>
	cations per season. Do r immature plants.	not apply within 14 days of	grazing
	Brown wheat mites SPECIFIC DIRECTIONS	½ to ¾ pt.	35 mappli-
	cations per season. Do immature plants.	not apply within 14 days of	
	Grasshoppers	% pt.	• 35
	SPECIFIC DIRECTIONS cations per season. Do r immature plants.	Do not make more than 2 not apply within 14 days of	grazing
	nataro piaris.		-
		DIMETHOATE 4EC.	age 3 of 4 ●

SEED CROPS

Сгор	Pest Controlled	Rate per Acre	PHI (Days)	
Alfalfa	Aphids, Grasshop- pers, Leafhoppers, Lygus bugs, reduction of Alfalfa weevil larvae	½ to 1 pt.	10	
	SPECIFIC DIRECTIONS: Do not feed or graze livestock in treated crops, hay, threshings or stubble within 10 days of application. This product is highly toxic to bees. Do not apply if bees are visiting the area to be treated when crops or weeds are in bloom.			
Citrus	Aphids, Thrips	See "Specific Directions"	14	
(CA, AZ)	SPECIFIC DIRECTIONS: Follar Spray: 1 pt. per 100 gals. of water. Repeat applications as necessary. May be applied in the year Grapefruit, Lemon, Orange and Tangerine trees begin to bear fruit. Soll Drench (Trees 1 to 3 years old): 2 qts. per acre applied in the furrow or basin around the base of tree. Apply when insect injury to new growth appears. Do not apply to trees that will bear fruit within one year. Do not apply when trees or a substantial number of weeds in the orchard (grove) are in bloom. Note: Consult your State Agricultural Experiment Station or State Agricultural Extension Service for proper timing of application.			

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage and disposal. **PESTICIDE STORAGE:** Store in a cool, dry, well ventilated area. Avoid high temperatures. Do not store below 45°F.

PESTICIDE DISPOSAL: Pesticide wastes are toxic. 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 DISPOSAL: 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.

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 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.

DIMETHOATE 45C Page 4 of 4



NOTIFICATION

JUL 3 0 1999

July 22, 1999

Notification of Submission of Label Revisions as per PR Notice 98-10

DREXEL DIMETHOATE 4EC (EPA Reg. No. 19713-231)

This notification is consistent with the Provisions of PR Notice 98-10 and EPA Regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the Confidential Statement of Formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under Sections 12 and 14 of FIFRA.

FOR DREXEL CHEMICAL COMPANY

LUZ G PIWONKA

lug G. Piwnha

Registration Manager





July 22, 1999

Document Processing Desk (NOTIF) Office of Pesticide Programs (7504C) U.S. Environmental Protection Agency 401 M Street SW Washington, D.C. 20460-0001

Re: Submission of Revised Label by Notification as per PR Notice 98-10 – Drexel Dimethoate 4EC (EPA Reg. No. 19713-231)

Reference is made to the above.

We are submitting, herewith:

- 1. Completed EPA Form 8570-1
- 2. A copy of the revised label (231SP-0799). The ingredient footnote was corrected as per Chapter 6, page 7 of the EPA 1998 Label Review Manual.

The change was highlighted for easy reference.

3. Certification Statement as per PR Notice 98-10.

If you have questions/clarification regarding this submission, I can be reached at (901) 774-4370.

Thank you.

Sincerely,

DREXEL CHEMICAL COMPANY

Luz G Piwonka

Registration Manager

1700 Channel Avenue • Post Office Box 13327 • Memphis, Tennessee 38113-0327 Phone: (901) 774-4370 • Fax: (901) 774-4666 • E-Mail: drexel_chemical@juno.com

SINCE 1972