


PM 13 59639-35
A. Heyward 4/10/96

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Please read Instructions on reverse before completing form. EPA Form Approved. OMB No. 2070-0060. Approval expires 11-30-93

(A) 	United States Environmental Protection Agency Office of Pesticide Programs (H7505C) Washington, DC 20460	<input type="checkbox"/> Registration <input type="checkbox"/> Amendment <input checked="" type="checkbox"/> Other	OPP Identifier Number 154340
	Application for Pesticide:		

Section I

1. Company/Product Number 59639-35	2. EPA Product Manager George T. LaRocca	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) DANITOL 2.4 EC Spray	PM# 13	
5. Name and Address of Applicant (Include ZIP Code) Valent U.S.A. Corporation P.O. Box 8025 1333 N. California Blvd., Suite 600 Walnut Creek, CA 94596-8025 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

Section II

<input type="checkbox"/> Amendment - Explain below	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - explain below.

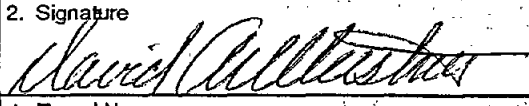
Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Minor revision of use directions to combine all tank mix directions for all pests.

Section III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes* <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____		
* Certification must be submitted.		If "Yes," Unit Package wgt.	No. per container	If "Yes," Package wgt.	No. per container
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) of Retail Container		5. Location of Label Directions <input type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner In Which Label Is Affixed To Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled <input type="checkbox"/> Other (Specify) _____					

Section IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name David A. Wustner	Title Manager, Registration Projects	Telephone No. (include Area Code) (510) 255-2820
2. Signature 		3. Title Manager, Registration Projects
4. Typed Name David A. Wustner		5. Date August 14, 1995
I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		6. Date Application Received (Stamped)



RESTRICTED USE PESTICIDE
DUE TO TOXICITY TO FISH AND AQUATIC ORGANISMS.
For retail sale to and use only by Certified Applicators, or persons under their direct supervision, and only for those uses covered by the Certified Applicator's certification.

DANITOL® 2.4 EC Spray

(INSECTICIDE - MITICIDE)

Active Ingredient	By Wt.
*Fenpropathrin	30.9%
Inert Ingredients	69.1%
*(alpha-Cyano-3-phenoxybenzyl 2,2,3,3-tetramethylcyclopropanecarboxylate)	

Contains 2.4 pounds fenpropathrin per gallon.

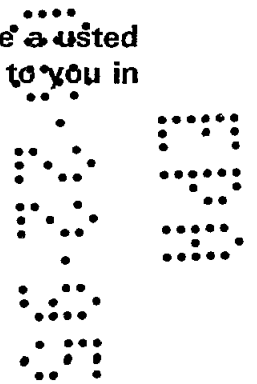
This product contains Xylene Range Aromatic Solvent.

KEEP OUT OF REACH OF CHILDREN

DANGER - PELIGRO

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).

NET CONTENTS 1 GALLON



PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS & DOMESTIC ANIMALS

DANGER

Corrosive, causes potentially irreversible eye damage. Do not get in eyes, on skin, or clothing. Contact with skin can result in a temporary burning, tingling, or itching sensation. May be fatal if swallowed. Harmful if inhaled or absorbed through skin. Avoid breathing spray mist.

STATEMENT OF PRACTICAL TREATMENT

- If in eyes:** Immediately hold eyelids open and flush with a steady stream of water. Call a physician immediately.
- If on skin:** Wash affected areas with soap and water. Get medical attention.
- If inhaled:** Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth to mouth. Get medical attention.
- If swallowed:** Call a physician or Poison Control Center immediately. If medical advice cannot be obtained, drink promptly a large quantity of milk, egg white, or gelatin mixture, or if these are not available, a large amount of water and take person and product container to the nearest emergency treatment facility. **DO NOT INDUCE VOMITING.** Petroleum distillates in product may cause aspiration pneumonia.

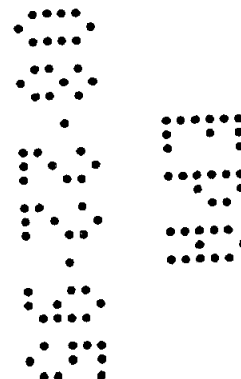
Note to Physicians: Possible mucosal damage may contraindicate the use of gastric lavage. Emergency Information - call 1-800-892-0099.

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 G 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 Viton \geq 14 mils, shoes plus socks, and protective eyewear.

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



USER SAFETY RECOMMENDATIONS:

Users should:

- * Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- * Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- * 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 extremely toxic to fish and aquatic organisms and is toxic to wildlife. 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 apply where runoff is likely to occur. Do not apply when weather conditions favor drift from areas treated. Do not contaminate water when disposing of equipment washwaters.

This product 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.

PHYSICAL OR CHEMICAL HAZARDS

Do not use or store near heat or open flame.

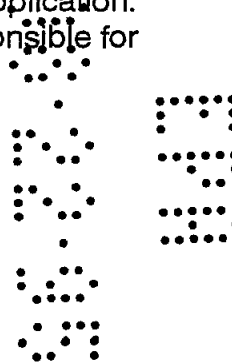
DIRECTIONS FOR USE

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.

READ ENTIRE LABEL AND BOOKLET. USE STRICTLY IN ACCORDANCE WITH PRECAUTIONARY STATEMENTS AND DIRECTIONS AND WITH APPLICABLE STATE AND FEDERAL REGULATIONS.

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, and 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. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 24 hours.

PPE 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 Viton \geq 14 mils, shoes plus socks, and protective eyewear.

CROP ROTATION

There are no restrictions on rotational crops.

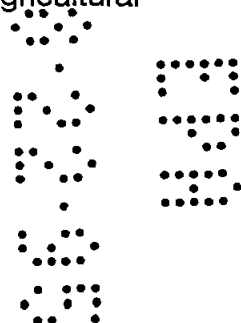
MIXING INSTRUCTIONS

DANITOL mixes readily with water. When tank mixing with ORTHENE 90S, first mix the recommended amount of ORTHENE 90S in the appropriate amount of water, then add the DANITOL last. Agitate well. All applicable directions, restrictions and precautions on both the ORTHENE and DANITOL EPA registered labels are to be followed.

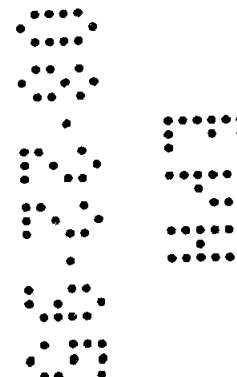
RESISTANCE MANAGEMENT

Some insects are known to develop resistance to products used repeatedly for control. Because the development of resistance cannot be predicted, the use of this product should conform to resistance management strategies established for the use area. Consult your local or state agricultural authorities for details.

If resistance to this product develops in your area, this product, or other products with similar mode of action, may not provide adequate control. If poor performance cannot be attributed to improper application or extreme weather conditions, a resistant strain of insect may be present. If you experience difficulty with control and resistance is a reasonable cause, immediately consult your local company representative or agricultural advisor for the best alternative method of control for your area.



CROP	PESTS	DOSAGE Fl. Oz. / Acre (Lb. Ai. / Acre)	SPECIAL INSTRUCTIONS
Cotton	Bollworm Tobacco Budworm Beet Armyworm Cotton Leafperforator Leafhopper Plant Bugs (<i>Lygus</i>) Saltmarsh Caterpillar	10 2/3 - 16 fl. oz. DANITOL (0.2 - 0.3)	Apply with air or ground equipment in a seasonal program in adequate water for uniform coverage (2 to 10 gals./acre by air or 10 to 50 gals./acre by ground). HIGHER WATER VOLUMES PROVIDE IMPROVED INSECT CONTROL. Begin applications when first pest activity is noticed and repeat as needed to maintain control. Under severe pressure, use the higher recommended rates. DANITOL 2.4 EC Spray may be mixed with and/or alternated with commonly used insecticides to comply with local IPM programs.
	Pink Bollworm Sweetpotato / Silverleaf Whitefly Bollworm Tobacco Budworm Cabbage Looper Plant Bugs (<i>Lygus</i>) Thrips Fleahoppers Cotton Leafperforator Fall Armyworm Cutworms Stinkbugs	10 2/3 - 16 fl. oz. DANITOL (0.2 - 0.3) + 8 - 16 oz. ORTHENE® 90S or 11 - 21 oz. ORTHENE® 75S (0.5 - 1.0)	For control of Pink Bollworm and Sweetpotato / Silverleaf Whitefly, tank mix DANITOL 2.4 EC Spray with ORTHENE 90S or ORTHENE 75S at indicated rates. Comply with all applicable directions, restrictions and precautions on the EPA registered labels for ORTHENE 90S or ORTHENE 75S. Stinkbugs and Cutworms: Use ORTHENE 90S at 12 oz./acre or ORTHENE 75S at 16 oz./acre.
	Do not apply within 21 days of harvest. Do not feed gin trash or treated forage to livestock or allow animals to graze on treated fields. Do not exceed 2 2/3 pts. (42 2/3 fl. oz.) total application of DANITOL per acre per season.		

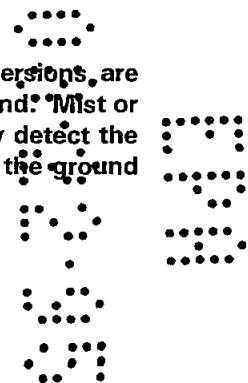


SPRAY DRIFT RECOMMENDATIONS AND OTHER PRECAUTIONS FOR COTTON

- Do not make more than a total of 10 synthetic pyrethroid applications (of one product or combination of products) to a cotton crop in one growing season. Synthetic pyrethroid products include AMBUSH Insecticide, AMMO Insecticide, ASANA XL Insecticide, BAYTHROID Emulsifiable Pyrethroid Insecticide, CAPTURE Insecticide/Miticide, DANITOL 2.4 EC Spray Insecticide/Miticide, FURY Insecticide, KARATE Insecticide, MUSTANG Insecticide, POUNCE Insecticide and SCOUT X-TRA Insecticide.
- All aerial and ground application equipment must be properly maintained and calibrated using appropriate carriers.

OBSERVE THE FOLLOWING PRECAUTIONS WHEN SPRAYING IN THE VICINITY OF AQUATIC AREAS SUCH AS LAKES; RESERVOIRS; RIVERS; PERMANENT STREAMS, MARSHES, OR NATURAL PONDS; ESTUARIES AND COMMERCIAL FISH FARM PONDS.

- Do not apply by ground within 25 feet, or by air within 150 feet of lakes; reservoirs; rivers; permanent streams, marshes, or natural ponds; estuaries and commercial fish farm ponds. Do not apply this product as an ultralow volume (ULV) spray, or in any carrier other than water.
- For aerial applications the spray boom should be mounted on the aircraft so as to minimize drift caused by wing tip vortices. The minimum practical boom length should be used, and must not exceed 75% of wing span or rotor diameter.
- Use the largest droplet size consistent with pest control. Formation of very small drops may be minimized by appropriate nozzle selection, by orienting nozzles away from the air stream as much as possible, and by avoiding excessive spray boom pressure.
- Spray should be released at the lowest height consistent with good pest control and flight safety. Applications more than 10 feet above the crop should be avoided.
- Make aerial or ground applications when the wind velocity favors on-target product deposition (approximately 3 to 10 mph). Do not apply when wind velocity exceeds 15 mph. Avoid applications when wind gusts approach 15 mph.
- Risk of exposure to aquatic areas can be reduced by avoiding applications when wind direction is toward the aquatic areas.
- Do not cultivate within 10 feet of the aquatic area so as to allow growth of a vegetative filter strip.
- Low humidity and high temperatures increase the evaporation rate of spray droplets and therefore the likelihood of increased spray drift to aquatic areas. Avoid spraying during conditions of low humidity and/or high temperature.
- Do not make aerial or ground applications during temperature inversions. Inversions are characterized by stable air and increasing temperatures with height above the ground. Mist or fog may indicate the presence of an inversion in humid areas. The applicator may detect the presence of an inversion by producing smoke and observing a smoke layer near the ground surface.



RESTRICTIONS AND LIMITATIONS

Do not apply under conditions involving possible drift to food, forage or other plantings that might be damaged or the crop thereof, rendered unfit for sale, use or consumption.

STORAGE AND DISPOSAL

PROHIBITIONS

Do not contaminate water, food or feed by storage or cleaning of equipment.
Open dumping is prohibited.

STORAGE

Keep pesticide in original container.
Keep container closed when not in use.
Do not put concentrate or dilute into food or drink containers. Not for use or storage in or around the home.
Do not store next to feed, food, or transport in or on vehicles containing foodstuffs or feeds.
Store in a cool, dry place.
Protect from heat.
For help with any spill, leak, fire or exposure involving this material, call day or night 1-800-892-0099.

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). Do not reuse container. 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.

IMPORTANT INFORMATION. READ BEFORE USING PRODUCT.

LIMITED WARRANTY:

1. Valent U.S.A. Corporation warrants that this product conforms to the chemical description on the label and is reasonably fit for use under average conditions when used strictly in accordance with the directions on the labeling. Valent does not make nor authorizes any agent or representative to make, any other warranty, guarantee or representation, express or implied, concerning this product. Specifically, NO IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE IS MADE.
2. Critical and unforeseeable factors beyond Valent's control prevent it from eliminating all risks in connection with the use of this product. Such risks include, but are not limited to, damage to plants and crops to which product is applied, lack of complete control over the handling and application of this product, and damage caused by drift to other plants and crops. Such risks occur even though the product is reasonably fit under average conditions for the uses stated on the labeling and even though label directions are followed. Buyer and user acknowledge and assume all risks and liability (except those assumed by Valent under 1 above) resulting from handling storage, and use of the product.
3. Precautions stated on the labeling should be followed to avoid hazardous exposure to the product.

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AMMO®, CAPTURE®, FURY™, MUSTANG™ AND POUNCE® - Reg. TM of FMC Corporation.
ASANA®XL - Reg. TM of E.I. du Pont de Nemours & Company.
BAYTHROID® - Reg TM of Miles, Inc.
DANITOL® - Reg. TM of Sumitomo Chemical Company, Ltd. for fenprothrin insecticide-miticide.
ORTHENE® - Reg. TM of Monsanto Company for acephate insecticide.
SCOUT X-TRA® - Reg. TM of Hoechst-Roussel Agri-Vet Company.

Manufactured for:
Valent U.S.A. Corporation
Walnut Creek, CA 94596-8025
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