

41121 2935-284 1274

Please read Instructions on reverse before completing form.

Form Approved. OMB No. 2070-0060. Approval expires 11-30-93

<b>(A)</b>		United States Environmental Protection Agency Office of Pesticide Programs (H7505C) Washington, DC 20460	<input type="checkbox"/> Registration <input checked="" type="checkbox"/> <b>Amendment</b> <input type="checkbox"/> Other	OPP Identifier Number  <span style="font-size:large;">181284</span>
		Application for Pesticide:		

**Section I**

1. Company/Product Number <p style="text-align:center; font-size:large;">2935-284</p>	2. EPA Product Manager <p style="text-align:center;">S. Lewis</p>	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) <p style="text-align:center;">Wilbur-Ellis Dibrom 8 Spray</p>	PM# <p style="text-align:center;">21</p>	
5. Name and Address of Applicant (Include ZIP Code)  WILBUR-ELLIS Company 191 W. Shaw Avenue Suite 107 Fresno, CA 93704  <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"/> Resubmission in response to Agency letter dated _____  <input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____  <input type="checkbox"/> "Me Too" Application.  <input type="checkbox"/> Other - explain below.
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**Explanation:** Use additional page(s) if necessary. (For section I and Section II.)

Change to labeling statement prohibiting application to water. The exact wording from PR Notice 93-3 has been used.

BEST AVAILABLE COPY

NOTIFICATION  
LABEL NOT REVIEWED  
PER PR NOTICE 93-3

DATE: 2/3/93

**Section III**

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

**Section IV**

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name  <p style="text-align:center; font-size:large;">Joanne Pratt</p>	Title  <p style="text-align:center;">Product Registration and Labeling Specialist</p>	Telephone No.* (Include Area Code)  <p style="text-align:center;">(209) 226-1934</p>
Certification  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)
2 Signature  	3 Title  Product Registration and Labeling Specialist	(Stamp area)
4 Typed Name  <p style="text-align:center;">Joanne Pratt</p>	5 Date  <p style="text-align:center;">July 8, 1993</p>	

NOT REGISTERED IN CALIFORNIA  
**SPECIMEN LABEL**

NOTIFICATION  
LABEL NOT REVIEWED  
PER PR NOTICE 05-8

DATE 8/3/93

**Wilbur-Ellis**

**DIBROM® 8 SPRAY**  
NALED INSECTICIDE

<b>ACTIVE INGREDIENTS:</b>	<b>By Wt.</b>
*Naled .....	58%
<b>INERT INGREDIENTS:</b>	42%
Xylene Range Aromatic Solvent .....	20%
*1,2-dibromo-2,2-dichloroethyl dimethyl phosphata	100%
Contains 8 pounds technical NALED. Equivalent to 7.2 pounds NALED per gallon.	

EPA Reg. No. 2935-284-ZA

EPA Est. No. 5481-CA-1

**KEEP OUT OF REACH OF CHILDREN**  
**DANGER — PELIGRO**

**PRECAUCION ALUSUARIO:** Si usted no lee ingles, no use este producto hasta que le etiqueta haya sido explicado ampliamente.

**STATEMENT OF PRACTICAL TREATMENT**

**In Case of Contact** — Immediately remove contaminated clothing and flush skin or eyes with plenty of water; for eyes, get medical attention.

**If Swallowed** — Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger or blunt object. Do not induce vomiting or give anything by mouth to an unconscious person. Get medical attention.

**NOTE TO PHYSICIAN:** Naled is a cholinesterase inhibitor. Atropine is antidotal. 2-PAM is also antidotal and may be used in conjunction with atropine. Mucosal damage may occur, and if gastric lavage is indicated it should be performed cautiously.

REFER TO SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMAN AND DOMESTIC ANIMALS**

**DANGER**

Keep children and animals off treated areas. Do not permit children to go on grass until spray has completely dried.

**DANGER:** Corrosive, causes eye and skin damage. May be fatal if swallowed. Avoid breathing spray mist. Wear a respirator jointly approved by the Mining Enforcement and Safety Administration (formerly the U.S. Bureau of Mines) and by the National Institute for Occupational Safety and Health under the provisions of 30 CFR Part II. Do not get on skin, eyes or clothing. Use waterproof gloves and face shield or goggles when handling concentrate.

Do not apply this product in such a manner as to directly or through drift expose workers or other persons. The area being treated must be vacated by unprotected persons.

**ENVIRONMENTAL HAZARDS**

This product is toxic to fish, birds and other wildlife. Birds feeding on treated areas may be killed. Keep out of lakes, streams, ponds, wet marshes and estuaries. Shrimp and crab may be killed at application rates recommended on this label. Do not apply where these are important resources. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from areas treated.

This product is highly toxic to bees exposed to direct treatment or residues on crops. Protective information may be obtained from your Cooperative Agricultural Extension Service.

Do not spray on Nectarines, ornamental Cherries, Liquidamber or Chrysanthemums as injury may occur.

Do not store diluted spray. Make new dilution for each use.

**PHYSICAL OR CHEMICAL HAZARDS**

Wash metal equipment thoroughly after use to avoid corrosion. Do not contaminate water by cleaning of equipment or disposal of wastes.

**DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling

**RE-ENTRY TREATMENT**

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 expected to be in a treated area or in an area about to be treated with this product. Oral warnings should specify protective clothing (see above), areas or fields that cannot be entered without this clothing, period of time area is to be vacated, and statement of practical treatment (see right) in case of exposure. When oral warnings are given, warnings shall be given in a language customarily understood by workers. Oral warnings must be given if there is reason to believe that written warnings cannot be understood by workers. Warnings must include the following information: "Danger Area treated with Dibrom on (date of application). Do not enter without appropriate protective clothing until sprays have dried. (Insert here action to take in case of accidental exposure — see left)"

**STORAGE AND DISPOSAL**

1. Prohibitions: Do not contaminate water, food or feed by storage or disposal.
2. 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.
3. 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.
4. Other: Store in original container only and keep sealed. Store in closed storage areas. Use caution when moving, opening, closing or pouring.

**USE ONLY ACCORDING TO ATTACHED DIRECTIONS**

**NOTICE:** The statements made on this label are believed to be true and accurate, but because of conditions of use which are beyond our control, WILBUR-ELLIS COMPANY does not make, nor does it authorize any agent or representative to make, any warranty, guaranty or representation, expressed or implied, concerning this material or the use thereof, except in conformity with the statements on the label. Neither WILBUR-ELLIS COMPANY nor the seller shall be held responsible in any manner for any personal injury or property damage or loss resulting to the buyer or to the other person from handling, storage or use of this material, not in accordance with directions. The buyer assumes all risk and liability resulting from improper handling, storage or use and accepts and uses this material on these conditions.

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**IN CASE OF EMERGENCY, CALL CHEMTREC: (800) 424-9300**



**RQ, CORROSIVE LIQUID, N.O.S., (NALED)**

**UN 1760**

**BEST AVAILABLE COPY**

NET CONTENTS: 4 x 1 GALLON

**Wilbur-Ellis**

P.O. Box 16458 • Fresno, CA 93755

NOT REGISTERED IN CALIFORNIA  
SPECIMEN LABEL

Wilbur-Ellis

**DIBROM® 8 SPRAY**  
NALED INSECTICIDE

<b>ACTIVE INGREDIENTS:</b>	<b>By Wt.</b>
*Naled.....	58%
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Contains 8 pounds technical NALED Equivalent to 7.2 pounds NALED per gallon.	
EPA Reg. No. 2935-284-ZA	

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**ANGER — PELIGRO**

**PRECAUCION AL USUARIO:** Si usted no lee ingles, no use este producto hasta que le etiqueta haya sido explicado amplemente.

**NOT FOR USE OR STORAGE IN OR AROUND HOME.**  
Observe Precautions on Container Label.

**DIRECTIONS FOR USE**

USE DESIGNATED AMOUNT OF PRODUCT IN THE FOLLOWING GALLONS WATER PER ACRE UNLESS OTHERWISE NOTED:

**GROUND APPLICATION:** Vegetable and Field Crops — 30 to 250 gals. Cotton — 3 to 20 gals. Deciduous Fruit Crops — 60 to 800 gals. Citrus — 400 to 3,000 gals. (On Young Fruit Plantings — Use a minimum of 15 gals. water per acre.)

Where Recommended for AIR APPLICATION: Field Crops — 3 to 10 gallons.

A short residual contact insecticide for kill of insect and mite adults and larvae present at the time of application.

Begin application at first sign of insects. Repeat as necessary. Do not apply within 4 days of harvest unless otherwise noted. Do not use with highly alkaline materials such as lime or bordeaux.

**MIXING DIRECTIONS:** Add to spray tank when 1/4 to 1/2 full with agitator running and maintain agitation until spraying is completed.

Do not apply this product through any type of irrigation system.

**RECOMMENDATIONS FOR USE**

**ALFALFA (Hay and Seed):** Grasshoppers — 3/4 pt. per acre when crop is not more than 12" high. Aphids, Loopers, Leafhoppers, Lygus Bugs, Alfalfa Webworms, Armyworms — 1 pt. per acre. **ALFALFA (Seed Only):** Lygus, Mites — 2 applications at 7-day intervals. Thrips — 1/2 pt. per acre. Combine with recommended chemicals for residual control. By Air — Use at least 10 gallons water per acre.

**BEANS (Dry or Field), SOYBEANS, LIMA BEANS and PEAS for Processing:** Alfalfa Loopers, Aphids, Spider Mites, Lygus, Leaf Miner; **GREEN BEANS:** Aphids, Spider Mites, Loopers, Nitidulids, Leafhoppers — 1 pt. per acre in water to cover. 100 gals. per acre is preferable. Large Loopers, Stink Bugs — 1 1/2 pts. per acre in water to cover.

**BROCCOLI, CABBAGE, CAULIFLOWER, BRUSSELS SPROUTS, KALE, COLLARDS:** Imported Cabbageworm, Diamond-Back Caterpillars, Aphids — 1 pt. per acre. Looper — 2 pts. per acre. May be used 2 days before harvest, except do not apply to kale and collards within 4 days of harvest.

**CELERY:** Aphids, Loopers, Armyworms, Salt Marsh Caterpillars, Leaf Miners — Use ground application only with fine mist spray — 1 pt. in 50 to 75 gals. water per acre on plants less than 3/4 grown. On larger plants use 1 1/2 pts. in 100 to 150 gals. water per acre.

**COTTON:** Lygus — 1/2 to 1 pt. per acre by air or ground. Leaf Perforator, Fleahoppers, Armyworms, Bollworms, Loopers and For Suppression of Mites — 1 pt. per acre by air or ground. Apply at 7 to 10 day intervals while pests persist. **FOR HEAVY POPULATION OF LISTED INSECTS** — Use 1/2 pt. per acre by air or ground in control programs with other insecticides registered for use on cotton.

**GRAPES:** Drosophila, Leafhoppers — 1/2 to 3/4 pt. per 100 gals. water (100 to 230 gals. diluted spray per acre depending on size of vines). Use only 1/2 pt. per 100 gals. water on Muscat varieties. **CAUTION:** Postbloom applications can cause fruit russeting. Do not use on Italia varieties as fruit injury may occur. Do not enter vineyards for 24 hours following treatment. Do not apply within 1 day of harvest.

**ORANGES, LEMONS, GRAPEFRUIT, TANGERINES:** Aphids, Soft Brown Scale Crawlers, Mites, Citrus Cutworms, Leaf Roller (Florida) — 1 pt. to 100 gals. water. Thrips (Bloom) — 1/2 pt. per 100 gals. water. Use up to 7 days of harvest. (Calif. and Ariz. — Do not apply within 1 day of harvest.) Do not enter citrus groves for 24 hours following treatment.

**STRAWBERRIES:** Leaf Roller, Spider Mites, Aphids, Omnivorous Leaf Tier, Spittlebugs (Northwest) — 1 pt. per acre. May be used 1 day before harvest.

**SUGAR BEETS:** Spider Mites, Leafhoppers — 1 pt. per acre by air or ground. By Air — Use in 1 to 5 gals. water per acre. Do not apply within 5 days of harvest.

**TOBACCO:** Hornworm — 1 pt. to 100 gals. water, using up to 200 gals. diluted spray per acre. Flea Beetles — 1 pt. per acre in water to cover. Apply at first signs of insects. Repeat as necessary.

**WALNUTS:** Aphids — 1/2 to 1 pt. to 100 gals. water. Use up to 10 days of harvest.

**GRASSHOPPERS:** Rangeland, Field Areas (crops listed on label) and Pastures including dairy pastures; Range Caterpillars on Rangeland and Pastures — 1/2 to 3/4 pt. per acre by air or ground. Young Grasshoppers — 1/2 pt. per acre by air or ground. Armyworms (except rice) — 1 pt. per acre by air or ground. By Air — Use in 1 to 5 gals. water per acre. Apply when hoppers hatch is completed. Repeat as necessary. Animals may be present during treatment. See crop recommendations for use limitations near harvest. Forage plants on pastures or field areas should not be cut for hay to be sold or shipped interstate within 4 days of application.

**GREENHOUSE, VAPOR TREATMENT OF ROSES; OTHER ORNAMENTAL PLANTS, TOMATOES, CUCUMBERS:** Spider Mites, Adult Whiteflies, Aphids, Leafrollers, Mealybugs — 1 fluid ounce per 10,000 cu. ft. when plants are dry. Apply undiluted on heat pipes (or in open pans on hot plates). Apply continuously or to intermittent sections of pipe on each side and on 1 or more of the pipes through center of each range depending upon width. Application to cold pipes should be followed by immediately heating pipes to 160°F. In steam houses, close vents for at least 1 hour after pipes are hot. With hot water systems, close house for at least 3 hours. Houses may remain closed overnight following treatment. When application is made to hot pipes, wear goggles and approved respirator. Ventilate house before workers re-enter. Wear respirator when entering treated houses to ventilate. Protect hives of bees in cucumber and other houses by covering with plastic or rubber sheet during treatment before harvest. Spider Mites (Resistant and Non-resistant) — Make 3 to 4 treatments at 3 or 4 day intervals. Repeat as necessary. Adult Whiteflies — Make 2 applications at 7-day intervals. Repeat as necessary. Aphids — Apply when aphids appear. Repeat as necessary. **WARNING** — Avoid over-treatment and direct application to plants as injury may result. White Butterfly and Golden Rapture roses, Pink Champagne Chrysanthemums, Green Wandering Jew, Polanetias and Dutchman's Pipe may be injured by DIBROM vapor.

**FRUIT FLIES (Drosophila sp.)** in and around Food Processing Plants, Loading Docks, Cull Piles and Refuse Areas, Cide Mites — Use 2 ounces in 2 1/2 gals. water (5 pints to 100 gals.) as a coarse spray to walls, floors, doorways, windows, refuse and cull piles where insects congregate. Apply every 5 to 7 days as necessary. Do not apply to cull fruit or refuse piles to be fed to livestock. Avoid contamination of feeds, feedstuffs and food processing machinery. Do not apply when plants are in operation or when foods are present or exposed. Do not spray surfaces which will come into contact with foods. Cover food containers during spraying.

**ADULT MOSQUITO, GNAT, STABLE FLY (Dog Flies) and HOUSE FLY CONTROL:** Residential Areas, Crops Listed on Label, Tidal Marshes, Swamps, Woodland, Livestock Pastures, Feed Lots and Pasture including Dairy Cattle — Consult your State Fish & Game Agency before applying this product. It is not necessary to avoid farm buildings and dairy barns. Make applications during peak of infestation and repeat as necessary. See crop recommendations for use limitations near harvest. This rate of application will kill shrimp. Do not apply to tidal or marsh waters which are important shrimp producing areas. **AIRCRAFT:** East — Apply 0.8 to 4 fluid ozs. per acre diluted with water. Apply 2 to 8 quarts of diluted spray per acre. West — Apply 1.6 to 4 fl. ozs. per acre diluted with water. Apply 2 to 8 qts. of diluted spray per acre. **MIST OR COLD FOG** — Use 3 to 5 qts. per 100 gals. water. Calibrate equipment (rate of travel and output) to apply 0.1 to 0.25 lb. technical Naled per acre.

**CORRALS, ADJACENT PASTURES, HOLDING PENS (Dairy and Beef Cattle, Hogs, Sheep, Horses):** Houseflies, Mosquitoes — Airplane Application — Use 1.6 to 4 fl. ozs. per acre. Dilute 1 to 2 1/2 pts. in 10 gals. water. Apply 1 gal. diluted spray per acre. Apply over areas with animals present.

**CLOVER MITES, ROACHES, EARWIGS and LEAFHOPPERS:** Outside Dwellings and In Lawns — Use 1 fl. oz. in 3 gals. water. Apply to turf and to soil surfaces around flowers, shrubs and trees for general pest cleanup.

DIBROM is Chevron Chemical Company's Reg. TM

U.S. Pat. No. 2,971,882

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INSECTICIDES

Copy A

"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."

