

19713-605

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U.S. ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Biopesticides and Pollution Prevention Division  
(7511C)  
1200 Pennsylvania Avenue NW  
Washington, DC 20460

EPA Reg. Number:  
19713-605

Date of Issuance:

Term of Issuance: Unconditional

Name of Pesticide Product:

Soydorm™ Oil

NOTICE OF PESTICIDE:

Registration  
 Reregistration  
(under FIFRA, as amended)

RECEIVED

MAY 21 2007

Name and Address of Registrant (include ZIP Code):

Drexel Chemical Company  
1700 Channel Avenue, PO Box 13327  
Memphis, TN 38113-0327

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Biopesticides and Pollution Prevention Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act. Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is unconditionally registered in accordance with FIFRA sec. 3(c)(5) subject to the comments listed below:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA section 3(c)(5) and section 4 when the Agency requires all registrants of similar products to submit such data.
2. Add the phrase "EPA Registration No. 19713-605 to your label before you release the product for shipment.
3. Submit five copies of the final printed labeling before you release this product for shipment.  
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.

Unconditional registration does not eliminate the need for continual reassessment of a pesticide. If EPA determines, at any time, that additional data are required to maintain in effect, an existing registration, the Agency will require submission of such data under Section 3(c)(2)(B) of FIFRA.

Signature of the Approving Official

*W. Michael McDermott*

Janet L. Andersen, Ph. D., Director

Biopesticides & pollution Prevention Division (7511P)

Date:

5-10-07

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**ACCEPTED**  
MAY 10 2007  
19713-605



# Soydorm™ Oil

Dormant & Summer Spray Oil

<b>ACTIVE INGREDIENT:</b>	
Soybean oil (food grade).....	98.0%
<b>OTHER INGREDIENTS:</b> .....	2.0%
<b>TOTAL:</b> .....	100.0%

KEEP OUT OF REACH OF CHILDREN

## CAUTION

See FIRST AID Below  
SHAKE WELL BEFORE USING

EPA Reg. No. 19713-ANL  
EPA Est. No. 19713-TN-1      Net Contents: \_\_\_\_\_

FIRST AID	
<b>IF SWALLOWED:</b>	<ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to do so by a poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious or convulsing person.</li> </ul>
<b>IF IN EYES:</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15 to 20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> </ul>
<b>IF ON SKIN OR CLOTHING:</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15 to 20 minutes.</li> </ul>
<b>IF INHALED:</b>	<ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible.</li> </ul>
<p>Call a poison control center or doctor for further 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.</p>	
<p align="center"><b>PRECAUTIONARY STATEMENTS</b> Hazards to Humans and Domestic Animals</p> <p><b>CAUTION:</b> Harmful if swallowed. Avoid breathing of spray. Do not take internally. Avoid contact with skin and eyes. Causes moderate eye irritation.</p> <p><b>PERSONAL PROTECTIVE EQUIPMENT (PPE)</b> Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category E on an EPA chemical-resistance category selection chart. <b>Applicators and other handlers must wear:</b> Long-sleeved shirt and long pants, chemical-resistant gloves such as Barrier Laminate, Nitrile Rubber, Neoprene Rubber or Viton and shoes plus socks. 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.</p>	

**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 gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

**ENVIRONMENTAL HAZARDS**  
 Toxic to fish. For terrestrial uses only. 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 when weather conditions favor drift from areas treated. Do not contaminate water when disposing of equipment washwater or rinsate.

**PHYSICAL OR CHEMICAL HAZARDS**  
 Do not use, pour, spill or store near heat or open flame.

**GENERAL INFORMATION**  
 SOYDORM OIL is an especially refined phytonomic oil contact insecticide. It is for use on plants in foliage or the dormant stage. This product may be applied in conventional hydraulic sprayers, concentrate application equipment, ground applicators or aerial. The rates are recommended on a per 100 gallons of dilute spray, except where indicated.

**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 4 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, chemical-resistant gloves such as Barrier Laminate, Nitrile Rubber, Neoprene Rubber or Viton and shoes plus socks.

**MIXING INSTRUCTIONS:**  
 1) Add enough water to mix tank to begin agitation. 2) Add micro-nutrients and other desired pesticide. If dry pesticide products are used, pre-mix the materials with water thoroughly and add to mix tank. DO NOT add this product before uniform mixture of pesticide and water is obtained. 3) Maintain agitation until the spray is applied. Flush any spray mixture remaining in the hoses back into the tank if the solution stands for more than 20 minutes.

**TANK MIXING:**  
 Tank-mix only with products registered for use on the specific crop to be treated. When using this product in combination with other pesticides as directed on this label, observe the most restrictive rates, tank-mixing prohibitions, precautionary statements and limitations listed on the product labels involved.

Manufactured By:  
**Drexel Chemical Company**  
 P.O. BOX 13327, MEMPHIS, TN 38113-0327  
 SINCE 1877

SOYDORM OIL is a trademark of Drexel Chemical Company.

Before tank mixing with other labeled products, check for tankmix compatibility. A jar test prior to tankmixing this product with other pesticides or liquid fertilizer will ensure compatibility. Use a clear glass quart jar with lid and mix the tankmix ingredients in their relative proportions. Invert the jar containing the mixture several times and observe the mixture for approximately one-half hour. If components of the mixture separate readily, a compatibility agent will be helpful in maintaining the stability of the spray mixture. If the mixture balls-up, forms flakes, sludges, jells, oily films or layers or other precipitates, the components of the mixture are not compatible.

#### AIR APPLICATION:

Apply the quantity of product indicated in sufficient water to make a minimum of 20 gallons of spray per acre except where indicated otherwise. Air application is recommended only if growing and/or soil conditions indicate a ground application to be unfeasible.

#### GENERAL INSTRUCTIONS AND USE PRECAUTIONS:

**DO NOT USE THIS PRODUCT** in combination with or immediately preceding or following applications of chloropropylate, captan, dyrene, dikar, dichlone, folpet, karathane, morestan, morocide, sulfur compounds, propargite and carbaryl.

For foliage application, the spray tank must be free of any sulfur residue before using this product. Do not combine sulfur sprays with this product on foliage and do not follow a previous application of sulfur or apply sulfur following this product until sufficient time has elapsed for safety (at least 30 days) except in the Northwest (OR and WA). In OR and WA, it may be used in combination on Pears as a post-harvest (after all fruit is off the tree), dormant and delayed-dormant (before scales slip, or at or prior to bud swell) treatment. Do not use this product when temperatures are above 90°F. When temperatures drop below 32°F (usually nighttime lows), do not spray trees and vine crops until daytime temperatures have warmed to a point above 32°F and are free from moisture due to melting frost or heavy dews. Application to trees weakened by disease, drought, drying winds or high nitrogen applications may result in oil injury.

#### USE INSTRUCTIONS:

Dilute this product with water before use.

Amounts given are for 100 gallons of diluted spray solution unless otherwise noted.

**ALFALFA Seed Crop Only:** Use 1 quart per acre in 20 to 30 gallons of spray solution by ground application or 10 to 15 gallons by air when used in combination and at the recommended label rates with Malathion 5EC (an emulsifiable concentrate containing 5 pounds of malathion per gallon) for control of the pests listed on the label.

Spider mites: Use 1 quart per acre at the dilutions noted above.

**ALMONDS, APRICOTS, CHERRIES, NECTARINES, PEACHES, PLUMS, PRUNES** *Dormant or Delayed-Dormant:* Black scales, Brown apricot scales, European fruit lecanium, Frosted scales, Italian pear scales, Oleander scales, Olive scales (Pariatoria scales), Pariatoria, Putnam scales, Red spider mites, San Jose scales, Soft brown scales, certain other Scale insects, eggs of Aphids—Apply 1.5 to 2 gallons.

**Summer Use:** Red spider mites—Apply 3 to 4 quarts. Summer stages of Brown apricot scales, San Jose scales—Apply 1 gallon.

**APPLES** *Delayed-Dormant:* Rust mites—Apply 1.5 to 2 gallons. **Summer Use:** Apply 1 to 1.5 gallons.

**APPLES, PEARS** *Dormant or Delayed-Dormant:* Eggs of Aphids, Italian pear scales, Red spider mites, San Jose scales—Apply 1.5 to 2 gallons.

**Summer Use:** Red spider mites—Apply 3 to 4 quarts.

**Concentrated Sprayers: Pears (CA only)**—Apply 4 to 6 gallons in 90 to 120 gallons of spray solution per acre. Summer forms of Italian pear scales and San Jose scales—Apply 1 to 1.5 gallons.

**CHRISTMAS TREES: Winter Use**—Aphids, Adelgids, Scales (soft and hard), Spider mites Apply 2 to 4 gallons.

**Summer Use:** Apply 1 to 3 gallons.

**FIGS** *Dormant or Delayed-Dormant:* Fig scales—Use 3 gallons of this product.

**FLOWER AND FOLIAGE PLANTS:** Aphids, Adelgids, Bugs (immature), certain Caterpillars, Eriophyid mites, Gall mites, Lace bugs, Leaf beetle larvae, Leafminers, Mealybugs, Psyllids (immature), Sawfly larvae, Scales (immature), Spider mites, Whiteflies (immature). Apply 2 to 3 gallons at Winter/Dormant as needed. Apply 1 to 2 gallons as foliar or cover at Summer as needed.

**GRAPES** *Dormant:* Mealybugs—Apply 4 to 6 gallons, in 200 to 300 gallons of spray solution per acre.

**LEMONS, GRAPEFRUIT:** Black scales, Purple scales, Red scales, Red spider mites, Yellow scales—Apply 1 to 1.5 gallons of this product, plus 1 pound of a Malathion 25 Wettable. For best results, spray during Winter and Spring months when Red scales are more easily controlled and trees are generally less reactive to oil sprays. Do not use within 8 weeks of harvest on Lemons.

**OLIVES:** Black scales, Oleander scales, Pariatoria scales, Spider mites—Apply 1.5 gallons of this product per 100 gallons of spray solution per acre. Apply in pre-bloom or in post-bloom up to buckshot.

**NAVEL ORANGES:** Black scales, Purple scales, Red scales, Red spider mites, Yellow scales—Apply 3 quarts of this product, plus 1 pound of a Malathion 25 Wettable. Do not use on Navel oranges after September 1.

**VALENCIA ORANGES:** Black scales, Purple scales, Red scales, Red spider mites, Yellow scales—Apply 1 gallon not later than September 1; or 3 quarts of this product plus 1 pound of a Malathion 25 Wettable, applied not later than September 15.

**PEARS** *Delayed-Dormant:* Pear psyllas—Apply 2 gallons.

**Summer Use:** Apply 1 to 1.5 gallons.

**Blister mites—Delayed-Dormant and Fall Spray**—2 gallons.

**ORNAMENTALS AND SHADE TREES (Apple, Birch, Conifers [See "Plant Restrictions"], Dogwood, Flowering cherry, Flowering peach, Hawthorne, Holly, Magnolia, Maple, Oak, Privet, Pyracantha, Sycamore):** Aphids, Adelgids, Black scales, Brown apricot scales, certain Caterpillars, Gall mites, Lace bugs, Leaf beetle larvae, Mealybugs, Plant bugs (immature), Psyllids (immature), Oyster shell scales, Red spider mites and eggs, San Jose scales, Sawfly larvae, Soft brown scales, Whiteflies (immature).

**On all varieties when in leaf** — Apply 1 gallon per 100 gallons of spray solution per acre.

**Dormant Spray on Deciduous Varieties:** Apply 2 gallons per 100 gallons of spray solution.

**Dormant Spray on Evergreen Varieties:** Apply 1 gallon per 100 gallons of spray solution.

**Plant Restrictions:** Oil removes the glaucous (blue) bloom from such Evergreens as Colorado blue spruce and Koster spruce. Do not spray on Walnut foliage. Always use lower dosage or test spray oil sensitive plants such as Chamaecyparis, Cryptomeria, Japanese holly, Juniper, Smoke tree and Spruce. Tendency toward sensitivity: Red cedar and Douglas fir. Use with caution and reduced dosage for dormant application on Sugar maple and Red bud. Do not spray when buds have fully opened and shoot elongation is occurring.

Do not use on Conifers or Ferns not tolerant to oil sprays. Keep sprays away from open blooms; bleaching and spotting has been observed with the open blooms of certain plants.

**WALNUTS** *Late Spring to Mid-Summer Only:* Summer stages of European fruit scales, Frosted scales, Red spider mites, San Jose and other Soft-shelled scales—Apply 2 to 4 quarts. Do not apply after husk splits.

## STORAGE AND DISPOSAL

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

**PESTICIDE STORAGE:** Storage should be under lock and key in a ventilated room 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 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 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. 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. Place a leaking container in a plastic tub and transfer contents, as soon as possible, to an empty, original container.
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.