

Thiodan®
Emulsifiable Concentrate
Insecticide

KEEP OUT OF REACH OF CHILDREN

WARNING - AVISO

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

See Side Panel For Additional Precautionary Statements

ACTIVE INGREDIENT:

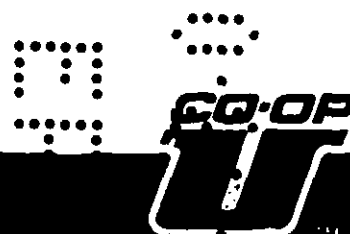
Endosulfan (hexachlorohexahy- dromethano-2,4,3-benzodioxathiepin-3-oxide)*	23.8%
INERT INGREDIENTS	76.2%
Total	100.0%

Contains 2 Pounds Endosulfan Per Gallon. *Thiodan - Registered
Trademark of Canadian Hoechst Ltd.

Net Volume: 1 Gallon

EPA Reg. No. 1386-338
EPA Est. No. 1386-OH-1

Not Reviewed. Registrant claims to be in accordance with
Registration of Pesticide Products for Phase 2
Reference, Page 2.12, Article 5, Section 1.1 in Status.



PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS WARNING

May be fatal if swallowed, inhaled or absorbed through skin. Do not breathe vapor or spray mist. Do not get in eyes, on skin or on clothing. Wash thoroughly with soap and water after handling and before eating or smoking. Wear clean clothing. During exposure and in commercial spray mixing and loading operations, wear clean synthetic rubber gloves and a mask or respirator meeting the specifications jointly approved by the Mining Enforcement and Safety Administration and by NIOSH, under the provisions of 30 CFR 42, for endosulfan protection. Do not contaminate feed and foodstuffs. 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.

STATEMENT OF PRACTICAL TREATMENT

If swallowed, call a physician or Poison Control Center immediately. If possible, vomiting should be induced under medical supervision. To induce vomiting, give victim one or two glasses of water and touch the back of throat with finger. Repeat until vomit fluid is clear. Do not induce vomiting or give anything by mouth to an unconscious person. If inhaled, remove victim to fresh air. Apply respiration if indicated. If on skin, remove contaminated clothing and wash affected areas with soap and water. If in eyes, flush with water for at least 15 minutes. Call a physician immediately.

NOTE TO PHYSICIAN: Endosulfan is a central nervous system stimulant and may cause convulsions. There is no specific antidote. Barbituric acid derivatives may be used in treatment.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish, birds and other wildlife. Birds feeding on treated areas may be killed. Keep out of lakes, streams or ponds. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from areas treated. Do not contaminate water by cleaning of equipment or disposal of wastes.

BEE CAUTION

This pesticide is toxic to bees and should not be applied when bees are actively visiting the area.

PHYSICAL OR CHEMICAL HAZARDS

Do not use, pour, spill or store near heat or open flame. Keep containers closed when not in use. Do not store where temperature will go below 32° F.

ENDANGERED SPECIES RESTRICTIONS

Before using this pesticide on corn in the counties listed below, you must obtain the PESTICIDE USE BULLETIN FOR PROTECTION OF ENDANGERED SPECIES for the county in which the product is to be used. The bulletin is available from your County Extension Agent, State Fish and Game Office, or your pesticide dealer. Use of this product in a manner inconsistent with the PESTICIDE USE BULLETIN FOR PROTECTION OF ENDANGERED SPECIES is a violation of Federal laws.

ALABAMA: Colley, Greene, Jackson, Lamar, Lauderdale, Limestone, Madison, Marshall, Morgan, Pickens, Sumter. ARIZONA: Graham, Maricopa, Mohave, Pima, Pinal, Santa Cruz. ARKANSAS: Benton, Clay, Clark, Cross, Lawrence, Lee, Pontotoc, Polk, Randolph, Sharp, St. Francis. CALIFORNIA: Butte, Colusa, Glenn, Imperial, Kern, Merced, Modoc, Mono, Los Angeles, Orange, Riverside, Sacramento, San Bernardino, San Diego, Santa Barbara, Solano, Stanislaus, Sutter, Tehama, Yolo and Ventura. FLORIDA: Alachua, Baker, Bradford, Brevard, Broward, Charlotte, Citrus, Clay, Collier, Columbia, Dade, DeSoto, Duval, Flagler, Gadsden, Gilchrist, Glades, Hardee, Hendry, Herd, Highlands, Heshborough, Indian River, Jefferson, Lafayette, Lake, Lee, Leon, Levy, Madison, Manatee, Marion, Martin, Monroe, Nassau, Orange, Osceola, Palm Beach, Pasco, Pinellas, Polk, Putnam, St. Johns, St. Lucie, Sarasota, Seminole, Sumter, Suwannee, Taylor, Union, Volusia and Wakulla. GEORGIA: Brantley, Bryan, Bulloch, Burke, Camden, Chandler, Charlton, Chatham, Effingham, Emanuel, Evans, Jasper, Glynn, Jefferson, Jenkins, Johnson, Liberty, Long, McIntosh, Pierce, Richmond, Screven, Ware, Washington and Wayne. KANSAS: Clark, Comanche, Meade, Stafford. KENTUCKY: Ballard, Butler, Edmundson, Green, Hart, Jackson, Laurel, Livingston, Marshall, McCluckey, McCreary, Polaski, Rockcastle, Taylor, Warren, Wayne. MISSISSIPPI: Claiborne, Copiah, Hinds, Itawamba, Lowndes, Monroe, Neshoba. MISSOURI: Barry, Benton, Camden, Christian, Dallas, Greene, Hickory, Jasper, Lawrence, Miller, Newton, Osage, Polk, St. Clair, Stone, Webster. MONTANA: Garfield, McCone, Sheridan, Valley. NEBRASKA: Boyd, Brown, Buffalo, Butler, Cass, Cedar, Colfax, Dawson, Dodge, Douglas, Hall, Hamilton, Holt, Howard, Kearney, Keya, Paha, Knox, Merrick, Nemaha, Phelps, Platte, Polk, Rock, Sarpy, Saunders. NEVADA: Clark. NEW MEXICO: Chaves, DeBaca, Eddy. NORTH CAROLINA: Edgecombe, Nash, Pam. NORTH DAKOTA: Benson, Bottineau, Burke, Burleigh, Divide, Dunn, Eddy, Emmons, Foster, Kidder, Logan, McHenry, McIntosh, McKenzie, McLean, Mercer, Morton, Mountrail, Nelson, Oliver, Pierce, Ramsey, Renville, Rolette, Shendan, Sioux, Sully, Towner, Ward, Wells and Williams. OHIO: Pickaway. OKLAHOMA: Delaware, McCurtain, Pushmataha. OREGON: Lake. SOUTH CAROLINA: Aiken, Barnwell, Beaufort, Berkeley, Charleston, Colleton, Darchester, Georgetown, Hampton, Horry, Jasper, Marion. SOUTH DAKOTA: Clay, Haakon, Hughes, Potter, Stanley, Sully, Union, Wauwatom, Yankton, Ziebach. TENNESSEE: Bedford, Blount, Claiborne, Decatur, Franklin, Hancock, Hardin, Hawkins, Hickman, Knox, Lawrence, Lincoln, Loudon, Marshall, Maury, Meigs, Monroe, Rhea, Rains, Scott, Sequatchie, Smith, Sullivan, Tennesse, Trousdale and Wayne. TEXAS: Arkansas, Austin, Bastrop, Burleson, Cameron, Colorado, Comal, Fort Bend, Goliad, Harris, Hays, Jeff Davis, Pecos, Reeves, Refugio, Victoria. UTAH: Alton, Washington. VIRGINIA: Lee, Russell, Scott, Smyth, Tazewell, Washington, Wise.

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 MISTIGATION SYSTEM.

Do not enter treated areas for 48 hours unless appropriate protective clothing is worn. Because certain states may require more restrictive reentry 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 must inform workers of areas or fields that may not be entered for 48 hours after treatment without specific protective clothing and of appropriate actions to take in case of accidental exposure (refer to Statement of Practical Treatment). 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. Written warnings must include the following information: "WARNING: Area treated with THODAN® EMULSIFIABLE CONCENTRATE on (insert date of application). Do not enter without appropriate protective clothing for 48 hours. In case of accidental exposure, follow these procedures (insert information found under Statement of Practical Treatment)."

To mix, add this material to the required amount of water and agitate thoroughly. Some agitation is required during application. Apply as a spray.

BEANS, Succulent and Dry (Except Lima Beans): To control black bean aphids, bean leaf skeletonizer, cucumber beetles, green stink bug, Mexican bean beetle, use 1 to 2 quarts per acre. Western bean cutworm, use 2 quarts per acre. Do not exceed 3 applications per season. Do not feed thrashings or allow livestock to graze in treated fields. **DO NOT APPLY WITHIN 3 DAYS OF HARVEST.**

BROCCOLI, CABBAGE, BRUSSELS SPROUTS and CAULIFLOWER: To control cabbage aphid, cabbage looper, cross-striped cabbageworm, diamondback moth larvae, flea beetle, harlequin bug, imported cabbageworm, stink bug, use 1 1/2 to 2 quarts per acre. Armyworms, cutworms, use 2 quarts per acre. Do not apply to broccoli or cabbage within 7 days of harvest. Do not apply to brussels sprouts or cauliflower within 14 days of harvest.

CARROTS: To control green peach aphid, use 1 to 2 quarts per acre. Do not exceed 2 applications. Do not use tops for feed or food. Do not apply within 7 days of harvest.

CELERY: To control green peach aphid, cabbage looper, use 1 to 2 quarts per acre. Do not exceed 3 applications. Do not apply within 7 days of harvest.

CUCUMBERS, MELONS, SQUASH: To control aphids, cucumber beetles, striped flea beetle, melonworm, pickleworm, worm (on watermelons), squash beetle, squash bug, squash vine borer, use 1 to 2 quarts per acre. For vine borer control apply weekly to flower buds, stems and vines beginning when moths first appear. For cabbage looper and diamondback moth larvae, use 2 quarts per acre.

EGGPLANTS: To control blister beetle, Colorado potato beetle, flea beetle, green peach aphid, green stink bug, whitefly, use 1 quart per acre. Do not use within 1 day of harvest.

KALE: To control flea beetle, harlequin bug, imported cabbageworm, use 1 1/2 quarts per acre. Do not exceed 1 application. Do not apply within 21 days of harvest.

LETTUCE: To control cabbage looper, green peach aphid, diamondback moth larvae, imported cabbageworm, use 1 1/2 to 2 quarts per acre. Do not exceed 3 applications after thinning head lettuce and remove outside leaves at harvest. Do not exceed 2 applications per season on leaf lettuce. Do not feed crop refuse to livestock. Do not apply within 4 days of harvest.

PEAS, Succulent: To control pea aphid, pea weevil, use 1 to 2 quarts per acre. Do not exceed 2 applications during the growing period. Use only on peas to be harvested by combine. Do not feed treated vines to livestock or allow to graze in treated fields. Do not apply within 1 day of harvest.

PEPPERS: To control green peach aphid, flea beetles, hornworms, pepper maggot, use 1 to 2 quarts per acre. Do not apply within 4 days of harvest.

POTATOES: To control aphids, armyworms, Colorado potato beetle, green stink bug, leafhopper bug, plant bugs, potato flea beetle, potato leafhopper, potato tuberworm, whitefly, use 1 to 2 quarts per acre. European corn borer, potato psyllid, use 1 1/2 to 2 quarts per acre. False chinch bug, use 2 quarts per acre. Three-lined potato beetle, use 1 quart per acre. Do not use within 1 day of harvest. Do not plant root crops other than carrots, potatoes and sweet potatoes as follow up crops.

PUMPKINS: To control aphids, cucumber beetles, squash vine borer, use 1 to 2 quarts per acre. For vine borer control apply weekly to flower buds, stems and vines beginning when moths first appear. Do not use within 1 day of harvest.

SPINACH: To control crown mite and green peach aphid, use 1 1/2 quarts. Do not exceed 1 application. Do not use within 21 days of harvest.

STRAWBERRIES: To control cyclamen mite, use 4 quarts per acre in 400 gallons of water. Do not apply at intervals of less than 35 days when fruit is present. To control meadow spittlebug, strawberry aphid, tarnished plant bug, use 2 quarts per acre in 200 gallons of water. Do not apply at intervals of less than 15 days or more than twice during any 35 day period when fruit is present. Do not apply within 4 days of harvest.

SWEET CORN (Fresh vegetable only): To control corn leaf aphid, use 2 quarts per acre. To control corn earworm, use 3 quarts per acre. Apply at 2 to 3 day intervals beginning when silks just appear and continuing until they begin to dry. Do not exceed 5 applications. Do not apply to sweet corn to be processed. Do not feed treated forage or ensilage to livestock or allow to graze in treated fields.

TOBACCO: To control flea beetle, hornworm, budworm, green peach aphid, cabbage looper in fields, use 1 quart per acre. In seed beds mix 1 quart per 100 gallons of water and apply 6 gallons of spray per 100 square yards. For green June bug larvae, use 1/2 quart per 100 gallons of water and french plant bed with 1 gallon spray per square yard. For stink bugs, use field application of 2 to 3 quarts per 100 gallons. Do not apply within 5 days of harvest.

TOMATOES (Fruit and Greenhouse): To control blister beetle, Colorado potato beetle, flea beetle, green peach aphid, use 1 quart per acre. To control hornworms, use 1 to 2 quarts per acre. To control potato louse, tomato fruit worm, yellow striped armyworm, use 2 quarts per acre. To control stink bugs, use 1 1/2 to 2 quarts per acre. To control cabbage looper, use 1 1/2 quarts per acre. To control whitefly, use 1 quart per 100 gallons of water. 100 to 200 gallons of spray per acre. Do not apply within 1 day of harvest.

DOSAGES FOR SMALL APPLICATION EQUIPMENT

1 pint per acre
1 quart per acre
1 quart per 100 gallons

2 1/4 teaspoons per 1,000 sq ft
4 1/2 teaspoons per 1,000 sq ft
2 teaspoons per gallon

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal. Do not store near heat or open flame. Do not store where temperature will go below 32° F.

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.

CONTAINER DISPOSAL: Triple rinse (or equivalent). Then dispose of in a sanitary landfill or by other approved State and local procedures.

WARRANTY AND LIMITATION OF DAMAGES

Seller warrants that this material conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with directions under normal conditions of use. Seller assumes the risk of any use contrary to such directions. Seller makes no other express or implied warranty, including any other express or implied warranty of fitness or of merchantability, and no agent of Seller is authorized to do so except in writing with a specific reference to this warranty. In no event shall Seller's liability for any breach of warranty exceed the purchase price of the material as to which a claim is made.