

BEST DOCUMENT AVAILABLE

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS & DOMESTIC ANIMALS WARNING

May be fatal if swallowed or absorbed through the skin. Avoid contact with eyes, skin or clothing. Do not breathe dust or spray mist. Wash thoroughly after handling. Launder contaminated clothing.

STATEMENT OF PRACTICAL TREATMENT

If swallowed, give a large amount of water to drink, make person vomit, and call a doctor. In case of eye contact, wash eyes immediately with fresh water for at least 15 minutes. See a doctor if irritation persists. For skin contact, wash skin thoroughly with soap and water.

Note to Physicians: Emergency Information call (415) 233-3737.

ENVIRONMENTAL HAZARDS

This product is toxic to fish and wildlife. Do not apply directly to water.

This pesticide is highly toxic to bees exposed to direct treatment or residues remaining on the treated areas. Do not apply when the bees are actively visiting the crop, cover crop, or weeds blooming in the treatment area. Applications should be timed to provide the maximum possible interval between treatment and the next period of bee activity.

DIRECTIONS FOR USE

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

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

REENTRY STATEMENT

Keep all unprotected persons out of operating areas or vicinity where there may be drift.

Do not enter treated areas without protective clothing until sprays have dried.

Certain states may require more restrictive reentry intervals. Consult your State Department of Agriculture for further information. Written or oral warnings regarding use of protective clothing and accidental exposure must be given to workers who are expected to be in treated areas or in areas about to be treated.

STORAGE AND DISPOSAL

PROHIBITIONS

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

Open dumping is prohibited.

STORAGE

Keep pesticide in original container. Do not put concentrate or dilute into food or drink containers. Do not store or transport near feed or food.

For help with any spill, leak, fire or exposure involving this material, call day or night (415) 233-3737.

PESTICIDE DISPOSAL

This product is toxic. Improper disposal of excess pesticide spray mixture, or residue 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

Completely empty bag into application equipment. Do not reuse container. Dispose of empty bag in a sanitary landfill or by incineration, or if allowed by State and local authorities by burning. If burned, stay out of smoke.



ORTHO

ISOTOX[®] Lindane Wettable 25

(INSECTICIDE)

Active Ingredient
Lindane—
Gamma Isomer of Benzene Hexachloride
Inert Ingredients

By Wt.
25%
75%

KEEP OUT OF REACH OF CHILDREN

WARNING—AVISO

FOR AGRICULTURAL USE ONLY OR FOR SALE TO, USE, AND STORAGE BY SERVICE PERSONS ONLY. DO NOT STORE IN AREAS ACCESSIBLE TO CHILDREN.

SEE BACK PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS.

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

ACCEPTED
with COMMENTS
in EPA Letter Dated

NET WEIGHT

SEP 4 1984

Chevron Chemical Company

Ortho Agricultural Chemicals Division

San Francisco CA 94120-7144

Product 958

Form Gen 4470 D2

Made in U.S.A.

1984

Richmond CA 94804 0035

EPA Est. 239-CA-1

EPA Reg. No. 239-229 ZA

DIRECTIONS

Aerial application of lindane is prohibited.

Do not apply to edible food crops within 30 days of harvest unless otherwise noted.

CABBAGE, BROCCOLI, BRUSSELS SPROUTS, CAULIFLOWER, KALE, COLLARDS: Aphids, Flea Beetle, Caterpillars, Thrips, Loopers— $\frac{1}{2}$ lb. in 100 gals. water (200 gals. spray per acre). Do not apply after the edible parts start to form. **Cabbage Maggots**—4 lbs. per acre in water to cover. Apply to soil around base of plants.

CELERY: Aphids, Thrips, Tarnished Plant Bugs, Certain types of Lepidopterous Larvae, Climbing Cutworms— $\frac{1}{2}$ lb. in 100 gals. water (200 gals. diluted spray per acre). Do not apply after the celery is half-grown or after it begins to bunch.

CUCUMBERS, MELONS, SQUASH, SUMMER SQUASH, PUMPKINS: Cucumber Beetles, Thrips— $\frac{1}{2}$ lb. in 100 gals. water (200 gals. spray per acre). Treat under leaves also. **Squash Bugs, Leaf Miners, Grasshoppers, Lygus Bugs, Aphids, Melon Worms, Pickle Worms**—1 lb. in 100 gals. water (200 gals. spray per acre). Late treatment of melons and squash may result in reduction of quality at harvest. Do not apply to Cucumbers, Squash and Summer Squash within 1 day of harvest. Remove excess residues.

GRASSHOPPERS: Use on listed crops (Except Strawberries) at recommended dosages.

ONIONS: Thrips—1 lb. per 100 gals. water (200 gals. spray per acre). First application when thrips average 5 to 6 per plant. Repeat in 5 to 6 days. A third application may be necessary. Do not use on green or spring onions. **Onion Maggot**—4 lbs. per acre in water to cover. Apply to soil around base of plants when plants are 2 to 3 inches tall. Repeat at 7 to 10 day intervals.

PEPPERS: Aphids, Leaf Miners— $\frac{1}{2}$ lb. in 100 gals. water (200 gals. spray per acre). **Armyworms**—2 4 lbs. per acre in water to cover. Do not apply after the edible parts start to form.

SOIL INSECTS: Wireworms, Cutworms, White Grubs, Diabrotica Larvae and certain other soil insects on Celery, Cucumbers, Cabbage, Broccoli, Brussels Sprouts, Cauliflower, Strawberries, Kale, Lettuce, Melons, Pumpkins, Spinach, Tomatoes, Mint (Post harvest in fall prior to winter period)—Pre-Plant Treatment—1 to 2 lbs. per acre. Apply as spray or dust directly on soil. Disc as soon as practical to give thorough distribution in upper 4 to 6 inches of soil. Can be mixed with acid or neutral fertilizers and applied with fertilizer drill. Do not apply to root crops (except potatoes) within 1 year. Do not use in soil to be planted to potatoes within 2 years.

SPINACH: Aphids, Leaf Miners— $\frac{1}{2}$ lb. in 100 gals. water (200 gals. spray per acre). Use only in seedling stage.

STORED PRODUCTS INSECTS: Granary Weevil, Sawtoothed Grain Beetles, Confused Flour Beetle, Corn or Rice Weevil, Bean Weevil, Angoumois Grain Moth, Indian Meal Moth (Grain Bins, Storage Bins, Warehouses)—1 1/2 lbs. per 100 gals. water. Apply as a spot treatment. Spray into breeding places, areas where insects congregate or enter insects directly. Repeat as necessary. Controls all breeding stages of these pests. Apply only so that products or grain will not be contaminated.

STRAWBERRIES: Strawberry Weevil, Spittlebug— $\frac{1}{2}$ lb. in 100 gals. water (200 gals. spray per acre). **Concentrate Sprayer**— $\frac{3}{8}$ lb. per 100 gals. water to cover. Apply in spring before blossoms open when insects appear. Thoroughly treat flower buds. Do not apply after blossoms are open.

ORTHO

OX[®] Lindane able 25

CIDE)

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By Wt.

25%
75%

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ACK PANEL FOR ADDITIONAL
CAUTIONARY STATEMENTS.
ON AL USUARIO: Si usted no lee
use este producto hasta que le
aya sido explicada ampliamente.

ACCEPTED
with COMMENTS
in EPA Letter Dated

EIGHT SEP 4 1984

Chemical Company
Richmond CA 94804 0036
EPA Est 239 CA-1
239-229-ZA

DIRECTIONS

Aerial application of lindane is prohibited.
Do not apply to edible food crops within 30 days of harvest unless otherwise noted.

CABBAGE, BROCCOLI, BRUSSELS SPROUTS, CAULIFLOWER, KALE, COLLARDS: Aphids, Flea Beetle, Caterpillars, Thrips, Loopers— $\frac{1}{2}$ lb. in 100 gals. water (200 gals. spray per acre). Do not apply after the edible parts start to form. **Cabbage Maggots**—4 lbs. per acre in water to cover. Apply to soil around base of plants.

CELERY: Aphids, Thrips, Tarnished Plant Bugs, Certain types of Lepidopterous Larvae, Climbing Cutworms— $\frac{1}{2}$ lb. in 100 gals. water (200 gals. diluted spray per acre). Do not apply after the celery is half-grown or after it begins to bunch.

CUCUMBERS, MELONS, SQUASH, SUMMER SQUASH, PUMPKINS: Cucumber Beetles, Thrips— $\frac{1}{2}$ lb. in 100 gals. water (200 gals. spray per acre). Treat under leaves also. **Squash Bugs, Leaf Miners, Grasshoppers, Lygus Bugs, Aphids, Melon Worms, Pickle Worms**—1 lb. in 100 gals. water (200 gals. spray per acre). Late treatment of melons and squash may result in reduction of quality at harvest. Do not apply to Cucumbers, Squash and Summer Squash within 1 day of harvest. Remove excess residues.

GRASSHOPPERS: Use on listed crops (Except Strawberries) at recommended dosages.

ONIONS: Thrips—1 lb. per 100 gals. water (200 gals. spray per acre). First application when thrips average 5 to 6 per plant. Repeat in 5 to 6 days. A third application may be necessary. Do not use on green or spring onions. **Onion Maggot**—4 lbs. per acre in water to cover. Apply to soil around base of plants when plants are 2 to 3 inches tall. Repeat at 7 to 10 day intervals.

PEPPERS: Aphids, Leaf Miners— $\frac{1}{2}$ lb. in 100 gals. water (200 gals. spray per acre). **Armyworms**—2-4 lbs. per acre in water to cover. Do not apply after the edible parts start to form.

SOIL INSECTS: Wireworms, Cutworms, White Grubs, Diabrotica Larvae and certain other soil insects on Celery, Cucumbers, Cabbage, Broccoli, Brussels Sprouts, Cauliflower, Strawberries, Kale, Lettuce, Melons, Pumpkins, Spinach, Tomatoes, Mint (Post harvest in fall prior to winter period)—**Pre-Plant Treatment**—1 to 2 lbs. per acre. Apply as spray, and if directly on soil. Disc as soon as practical to give thorough distribution in upper 4 to 6 inches of soil. Can be mixed with and on neutral fertilizers and applied with fertilizer. Do not apply to root crops (except potatoes) within 1 year. Do not use on soil to be planted to potatoes within 2 years.

SPINACH: Aphids, Leaf Miners— $\frac{1}{2}$ lb. in 100 gals. water (200 gals. spray per acre). Apply in early morning.

STORED PRODUCTS INSECTS: Granary Weevil, Sawtoothed Grain Beetles, Confused Flour Beetle, Corn or Rice Weevil, Bean Weevil, Angoumois Grain Moth, Indian Meal Moth (Grain Bins, Storage Bins, Warehouses)— $\frac{1}{2}$ lb. per 100 gals. water. Apply to moistened surfaces, breeding places, areas where insects are present. Repeat as necessary. Apply only to that part of the structure where insects are present.

STRAWBERRIES: Strawberry Weevil, Spittlebug— $\frac{1}{2}$ lb. in 100 gals. water (200 gals. spray per acre). Concentrate Sprayer— $\frac{1}{2}$ lb. per 100 gals. water. Apply to soil around base of plants.

TOMATOES (for fresh fruit market only): Aphids, Thrips— $\frac{1}{2}$ lb. per 100 gals. water (200 gals. spray per acre). **Concentrate Sprayer**—1 lb. per acre in water to cover. **Leaf Miners**— $\frac{1}{4}$ lb. in 100 gals. water (200 gals. spray per acre). **Concentrate Sprayer**— $\frac{1}{2}$ lbs. per acre in water to cover. Do not apply after the fruit starts to form.

DIP USES ON ANIMALS

Do not treat animals under 3 months of age. Do not dip beef cattle, sheep, goats and hogs within 60 days of slaughter. Do not treat sows within 2 weeks of farrowing nor for at least 3 weeks thereafter. Do not use on dairy cattle or dairy goats. Avoid treating animals in cold, stormy weather. Do not dip thirsty, overheated or sick animals. Wash hands thoroughly with soap and warm water after handling the concentrate or applying the diluted product to animals.

BEEF CATTLE, SHEEP, GOATS, HOGS, HORSES: Dip-Scroptic and Sarcoptic Mange (Scab or Scabies)— $\frac{1}{2}$ lbs. per 100 gals. water. Do not use on sick animals. **Lice, Ticks, Horn Flies, Stable Flies**—1 lb. per 100 gals. water. **Sheep Ticks (Keds) on Sheep**— $\frac{1}{2}$ lbs. in 100 gals. water.

Also for use in accordance with the recommendations and instructions issued by the United States Department of Agriculture for quarantine programs and to be used only by or under the direction of federal, state personnel for quarantine treatments.

Note: Used dip solutions must be disposed of in accordance with the Resource Conservation and Recovery Act (RCRA). If the applicator generates more than 1000 kg of used dip solution per month or more than 1000 kg used dip solution in combination with other hazardous waste, the material must be treated as a hazardous waste subject to subpart C of RCRA. Any user who wishes to treat, store or dispose of hazardous waste must obtain a permit to serve as a hazardous waste facility pursuant to RCRA.

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

CONDITIONS OF SALE: 1. Chevron Chemical Company (Chevron) warrants that this material conforms to the chemical description on the label and is reasonably fit for use as directed hereon. Chevron neither makes, nor authorizes any agent or representative to make, any other warranty of FITNESS or of MERCHANTABILITY, guarantee or representation, express or implied, concerning this material.

2. Critical and unforeseeable factors beyond Chevron's control prevent it from eliminating all risks in connection with the use of chemicals. Such risks include, but are not limited to, damage to plants and crops to which the material is applied, lack of complete control, and damage caused by drift to other plants or crops. Such risks occur even though the product is reasonably fit for the uses stated hereon and even though label directions are followed. Buyer and user acknowledge and assume all risks and liability, except those assumed by Chevron under 1. above) resulting from handling, storage, and use of this material.

CONFIDENTIAL

PROPERTY OF
RQ LINDANE, MIXTURE, NA 2761
CHEVRON CHEMICAL COMPANY
ONMAIL ACCEPTED BY EPA

ISOTOX Lindane Wettable 25

EPA Reg. No. 239-229

8/02/84

COPY A:

DIRECTIONS FOR USE (Continued)

Aerial application of lindane is prohibited. Applicators must wear the following protective clothing during the application process: a light-weight protective suit or coveralls; water-resistant hat; unlined, waterproof gloves; and unlined, lightweight boots. Mixers and loaders must also wear goggles or a face shield, waterproof gloves and a waterproof apron.

COPY B:

1a

CONFIDENTIAL

PROPERTY OF

CHEVRON CHEMICAL COMPANY

UNTIL ACCEPTED BY EPA

BEST DOCUMENT AVAILABLE



127308
171 C

DRP

4 SEP 1984

Ms. Jackie DiMaggio
Chevron Chemical Company
Ortho Agricultural Chemicals Division
940 Hensley Street
Richmond, CA 94804-0036

Dear Ms. DiMaggio:

Subject: Amendment - Update Label
Isotox Lindane Wettable 25
EPA Registration No. 239-229
Your Application Dated August 2, 1984

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable. A stamped copy is enclosed for your records.

Regarding copy B, after further assistance the Agency has determined that "lee" is indeed correct for "read" and therefore should not be changed. However, "hasta que le etiqueta" should be "hasta que la etiqueta." We apologize for any inconvenience caused by our earlier translations. Please make this revision on the actual printed labels.

Sincerely yours,

George T. LaRocca
Product Manager (15)
Insecticide-Rodenticide Branch
Registration Division (TS-767)

RD/IRB:LaRocca:DCR-39598:WANG-0113N:eg:Raven:479-2013:8/29/84:Del.9/11/84

BEST DOCUMENT AVAILABLE

SEARCHED							
SYMBOL	DATE	BY	INITIALS	REMARKS	DATE	BY	INITIALS

EPA FORM 134 (1-7-79)

OFFICIAL FILE COPY