

## POISONOUS BY SKIN CONTACT



**POISONOUS IF SWALLOWED**  
This product can kill you if swallowed even in small amounts; spray mist or dust may be fatal if swallowed.



**POISONOUS BY SKIN CONTACT**  
Poisonous if touched by hands or spilled or splashed on skin, in eyes or on clothing (liquid goes through clothes.)



**POISONOUS IF BREATHED**  
Breathing vapors, sprays mist or dust may be fatal

### Precautionary Statements Hazards To Humans (& Domestic Animals)

#### DANGER

Poisonous if swallowed, inhaled or absorbed through the skin. Rapidly absorbed through the skin or eyes.  
Do not get in eyes, on skin or on clothing. Do not breathe the spray mist or vapor.  
Repeated inhalation or skin contact may, without symptoms, progressively increase susceptibility to poisoning.  
Clothing wet with this material must be removed immediately.  
Exposed persons must receive prompt medical attention or they may die.  
Do not contaminate feed or foodstuffs.  
**DO NOT USE. POUR, SPILL OR STORE NEAR HEAT OR OPEN FLAME.**

### Environmental Hazards Poisonous To Fish And Wildlife

This product is toxic to fish, birds and other wildlife. Birds and other wildlife in treated areas may be killed. Keep out of lakes, streams, ponds, tidal marshes and estuaries. Do not contaminate water by cleaning of equipment or disposal of wastes. Do not apply when weather conditions favor drift from areas treated. Shrimp and crabs may be killed at application rates recommended on this label. Do not apply where these are important resources. **APPLY THIS PRODUCT ONLY AS SPECIFIED ON THIS LABEL.**

This pesticide is toxic to bees exposed to direct application. Applications should be timed to coincide with periods of minimum bee activity, usually between late evening and early morning.

### Physical or Chemical Hazards Use Only When Wearing The Following Protective Equipment And Clothing

Wear clean, heavy duty, natural rubber gloves, waterproof pants, coat, hat, rubber boots or rubber overshoes and safety goggles when handling, mixing or applying this product. Wear a pesticide 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 11.

### Work Safety Rules

Keep all unprotected persons and children away from treated area where there is danger of drift.  
Do not rub eyes or mouth with hands. If you feel sick in any way STOP work and get help right away. Call a doctor (physician), clinic or hospital—immediately. Explain that the victim has been exposed to Endrin and describe his condition. (After first aid is given (see First Aid Treatment Section) and if a doctor cannot come, take victim to clinic or hospital.)  
**IMPORTANT!** Before removing gloves, wash them with soap and water. Always wash hands, face and arms with soap and water before smoking, eating or drinking.  
**AFTER WORK,** take off all work clothes and shoes. Shower, using soap and water. Wear only clean clothes when leaving job. Do not wear contaminated clothing. Wash protective clothing and protective equipment with soap and water after each use. Respirator should be cleaned and filter replaced according to instructions included with respirator.

### STATEMENT OF PRACTICAL TREATMENT

If swallowed and victim is conscious and not convulsing. Call a physician immediately. Give a glass or two of water and induce vomiting by touching back of throat with finger. It is preferable to induce vomiting under medical supervision or to use gastric lavage with a cuffed endotracheal tube because of aspiration hazard. Remove victim immediately to emergency treatment facility.

If swallowed and victim is unconscious: Clear the upper airway and administer mouth-to-mouth resuscitation. If heart beat is absent, administer cardiac resuscitation. Do not give anything by mouth. If convulsing, hold head back with jaw forward to keep airway clear. Transport immediately to emergency treatment facility, maintaining clear airway and administering artificial respiration.

If inhaled: Remove victim to fresh air. Apply artificial respiration if indicated. Get medical attention immediately.

If on skin: Remove contaminated clothing and wash affected areas with soap and water. Get medical attention immediately.

If in eyes: Flush eyes for at least 15 minutes with water. Get medical attention immediately.

In all cases of Endrin poisonings, medical attention must be gotten immediately or victim may die.

**NOTE TO PHYSICIAN** — Endrin is a CNS depressant and hepatotoxin. Toxic dosages causes convulsions, respiratory depression, and liver damage. Impaired respiration must be supported by oxygen given by mechanical ventilation. Diazepam is useful in controlling convulsions. Intravenous glucose and B vitamins help to protect the liver. There is no specific antidote. Do not give vegetable oils or milk (which increases GI absorption). Large amounts of activated charcoal help to limit GI absorption. Do not give adrenergic agents (myocardial irritability). Excretion of endrin from the body may require days or weeks.

### DIRECTIONS FOR USE

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

Application should be made only by trained personnel using approved protective equipment. Pour specified amount of this product into nearly filled spray tank. Add balance of water to fill tank. Keep agitator running during filling and spraying operations. Do not allow mixture to stand. If mixture does not mix readily, but tends to separate as an oily layer, do not use as injury to plants may result. Do not combine with wettable powders unless previous use of the mixture has proven physically compatible and safe. Always thoroughly emulsify this product with at least half of total water before adding wettable powder.

## RESTRICTED USE PESTICIDE

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.

# ENDRIN 1.6-E

EMULSIFIABLE LIQUID — AGRICULTURAL INSECTICIDE  
(Contains 1.6 lb. Endrin per gallon)

### ACTIVE INGREDIENTS:

Endrin (Hexachlorocyclohexahydro-endo, endo-dimethanonaphthalene)  
Xylene Range Aromatic Solvent

### INERT INGREDIENTS:

KEEP OUT OF REACH OF CHILDREN ✓

## POISON

See side panels  
for precautionary  
and first aid statements



DANGER  
ACCEPT

NOT FOR HOME USE

STOP — READ LABEL BEFORE USING

### STORAGE AND DISPOSAL

- PROHIBITIONS**  
Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited. Reuse empty container.
- PESTICIDE DISPOSAL**  
Pesticide mixture or sludge that cannot be used chemically reprocessed should be disposed in approved landfill or buried in a safe place away from water supplies.
- CONTAINER DISPOSAL**
- A. GLASS JUGS** — Triple rinse (or equivalent) and dispose of in an open approved landfill or a safe place.
- B. 5 GAL. SIZE METAL PAILS** — Triple rinse (or equivalent) and offer for recycling, reconditioning, or disposal in approved landfill or a safe place.
- C. 55 GAL. SIZE METAL DRUMS** — (a) Reseal container and offer for reconditioning, or (b) Triple rinse (or equivalent) and offer for recycling, reconditioning, or disposal in approved landfill, or a safe place.
- GENERAL**  
Consult Federal, State or local disposal authorities for approved alternative procedures.

E.P.A. Registration No. 6735-42  
E.P.A. Est. No. 6735-TX-1

NET CONTENTS:

A PRODUCT OF  
**TIDE PRODUCTS, INC.**  
EDINBURG, TEXAS 78539

ONLY the BEST . . . is fit to be TIDE

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# ENDRIN 1.6-E

EMULSIFIABLE LIQUID — AGRICULTURAL INSECTICIDE  
(Contains 1.6 lb. Endrin per gallon)

### ACTIVE INGREDIENTS:

Endrin (Hexachlorocyclohexene, endo, endo-dimethanonaphthalene) 19.84%

Xylene Range Aromatic Solvent 76.75%

### INERT INGREDIENTS:

3.52%

100.00%

KEEP OUT OF REACH OF CHILDREN ✓

**POISON**

See side panels  
for precautionary  
and first aid statements



**DANGER**

ACCEPTED

NOT FOR HOME USE

STOP — READ LABEL BEFORE USING!

### STORAGE AND DISPOSAL

- PROHIBITIONS**  
Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited. Do not reuse empty container.
- PESTICIDE DISPOSAL**  
Pesticide mixture or residue that cannot be used chemically reprocessed should be disposed of in a landfill approved for pesticides or buried in a safe place away from water supplies.
- CONTAINER DISPOSAL**
  - GLASS JUGS** — Triple rinse for equivalent and dispose of in an open approved landfill or bury in a safe place.
  - 5 GAL SIZE METAL PAILS** — Triple rinse for equivalent and offer for recycling, reconditioning, or disposal in approved landfill or bury in a safe place.
  - 55 GAL SIZE METAL DRUMS** — (a) Reuse container and offer for reconditioning, or (b) Triple rinse for equivalent and offer for recycling, reconditioning, or disposal in approved landfill, or bury in a safe place.
- GENERAL**  
Consult Federal, State or local disposal authorities for approved alternative procedures.

E.P.A. Registration No. 6735-42  
E.P.A. Est. No. 6735-TX-1

NET CONTENTS: \_\_\_\_\_ GALS.

A PRODUCT OF  
**TIDE PRODUCTS, INC.**  
EDINBURG, TEXAS 76538

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## APPLICATION RESTRICTIONS FOR COTTON AND SMALL GRAIN (WHEAT, OATS, BARLEY, AND RYE)

Do not apply this product within 1/4 mile of human habitation.  
Do not apply this product by air within 1/4 mile or by ground within 1/4 mile of lakes, ponds, or streams. Application may be made at distances closer to ponds owned by the user but such application may result in excessive contamination and fish kills.  
Do not apply when rainfall is imminent.  
Apply only when wind velocity is between 2 and 10 mph.

### PROPHYLACTIC USE (COTTON ONLY)

Unnecessary use of this product can lead to resistance in pest populations and subsequent lack of efficacy.

### EQUIPMENT

#### GROUND APPLICATION

For use with boom-nozzle ground equipment. Apply at not less than 5 gallons total mixture, water and chemical, per acre. Do not use nozzle liquid pressure at greater than 40 pounds per square inch (psi). Do not use cone nozzle size smaller than one capable of delivering 0.16 gallons per minute (gpm) at 40 psi such as type D2-25 or TX-10, or any other atomizer or nozzle giving smaller drop size.

#### AERIAL APPLICATION (COTTON)

Do not apply at less than 2 gallons total mixture of water and chemical per acre. Do not operate nozzle liquid pressure over 40 psi or with any fan nozzle smaller than one capable of delivering 0.4 gpm or fan angle greater than 65 degrees such as type 6504. Do not use six cone type nozzle smaller than those capable of delivering 0.4 gpm nor whirl plate smaller than #46 such as type D-46 or any other atomizer or nozzle giving smaller drop size. Do not release this material at greater than 10 feet above the crop.

#### AERIAL APPLICATION (SMALL GRAIN)

Do not apply at less than one gallon total mixture of water and chemical per acre. Do not operate nozzle liquid pressure over 40 psi or with any nozzle smaller than 0.4 gpm or fan angle greater than 65 degrees such as type 6504. Do not use any cone type nozzles smaller than those capable of delivering 0.4 gpm nor whirl plate smaller than #46 such as type D-46 or any other atomizer or nozzle giving smaller drop size. Do not release this material at greater than 10 ft. above the crop.

### REQUIRED CLOTHING FOR FEMALE WORKERS

Female ground applicators, mixers and loaders and flagpersons must wear long-sleeved shirts and long pants made of a closely woven fabric, and wide-brimmed hats. Mixers and loaders must also wear rubber or synthetic rubber boots and aprons.

### WARNING TO FEMALE WORKERS

The United States Environmental Protection Agency has determined that Endrin causes birth defects in laboratory animals. Exposure to Endrin during pregnancy should be avoided. Female workers must be sure to wear protective clothing and use all protective equipment specified on this label. In case of accidental spills or other unusual exposure, cease work immediately and follow directions for contact with Endrin.

### PROCEDURES TO BE FOLLOWED IF FISH KILLS OCCUR OR IF PONDS ARE CONTAMINATED

In case of fish kills, fish must be collected promptly and disposed of by burial. Ponds in which fish kills have occurred, and user-owned ponds exposed to Endrin by application at distances closer than otherwise prohibited, must be posted with signs stating: "Contaminated: No Fishing." Signs must remain for one year after a fish kill has occurred or for six months after lesser contamination unless laboratory analysis shows Endrin residues in the edible portion of fish to be less than 0.3 parts per million (ppm).

### APPLICATION RESTRICTION FOR SUGARCANE PESTS FOR WHICH THIS PRODUCT MAY BE APPLIED

This product may be applied only to control the sugarcane beetle.

### APPLICATION RESTRICTIONS

Apply only with low-pressure ground equipment. Cover furrows with soil promptly after application.

### REQUIRED CLOTHING FOR FEMALE WORKERS

Female ground applicators, mixers and loaders and flagpersons must wear long-sleeved shirts and long pants made of a closely woven fabric, and wide-brimmed hats. Mixers and loaders must also wear rubber or synthetic rubber boots and aprons.

### WARNING TO FEMALE WORKERS

The United States Environmental Protection Agency has determined that Endrin causes birth defects in laboratory animals. Exposure to Endrin during pregnancy should be avoided. Female workers must be sure to wear protective clothing and use all protective equipment specified on this label. In case of accidental spills or other unusual exposure, cease work immediately and follow directions for contact with Endrin.

### RECOMMENDATIONS

### DIRECTIONS GUIDE FOR ENDRIN 1.6 EC

CROP (or use)	INSECTS AND DIRECTIONS	DOSE/ACREAGE ENDRIN 1.6 EC	LIMITATIONS
COTTON*	Boll weevil, bollworm For early season apply 1 pt. A. For late season apply 1-2 pts. A.	1-2 pts.	Workers entering treated fields within 3 days of application should be protected.
	Thrips, leafhoppers Early season—apply 1/2 pt. A. Mid season—apply 3/4 pt. A. Late season—apply 1 pt. A.	1/2-1 pt.	Do not graze dairy animals or animals being finished for slaughter.
SMALL GRAIN (barley, oats, rye, wheat)	Brown cotton leafworm, cabbage looper, celery leafminer, cotton leafworm, cutworms, garden webworm, leaf perforator, lygus bugs, rapid plant bug, salt marsh caterpillar, tarnished plant bug. Apply when insects are present. Repeat as necessary.	1-2 pts.	
	Grasshoppers Fall armyworm, garden webworm, Greenhouse leafminer. Apply when necessary.	1 1/2 pts. 1-1 1/2 pts. 2 pts.	
SUGAR CANE	Sugarcane beetle Apply on seed pieces in open planting furrow.	2 1/2 pts.	Do not feed bagasse or field trimmings to livestock.

NOTICE: Seller warrants that the product conforms to its chemical description and is reasonably fit for the purpose stated on the label when used in accordance with directions under normal conditions of use, but neither this warranty nor any other warranty of merchantability or fitness for a particular purpose expressed or implied, extends to the use of this product contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to seller, and buyer assumes the risk of any such use.

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