

## DANGER

Do not get in eyes, on skin, or on clothing. Do not breathe fumes. Wear natural rubber gloves, protective clothing, and goggles. In case of contact, wash immediately with soap and water. Wear a mask or respirator of type approved by the U.S. Bureau of Mines for protection from Endrin and Guthion. Keep all unprotected persons out of the operating areas. Vacated areas should not be reentered until drifting insecticide and volatile residues have dissipated. Do not contaminate food and feedstuffs. Wash hands, arms, and face thoroughly with soap and water before eating or smoking. Wash all contaminated cloth clothing with soap and hot water before reuse.

### 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 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. Apply this product only as specified on this label.

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.

### FIRST AID TREATMENT

**IF SWALLOWED:** Give a tablespoonful of salt in a glass of warm water. Repeat until vomit fluid is clear. Have patient lie down and keep quiet. CALL A PHYSICIAN.

**INHALATION:** Remove patient from contaminated atmosphere.

**SKIN:** In case of contact, remove contaminated clothing and immediately wash skin thoroughly with soap and water.

**EYES:** In case of contact, flush immediately with water for at least 15 minutes.

**INFORMATION FOR PHYSICIAN (TREATMENT):** Give atropine, preferably by injection, grains 1/30 to 1/15 (2 to 4 mg.) at once and every hour or oftener as needed to achieve and maintain full atropinization. 2-PAM is also antidotal and may be administered in conjunction with atropine. Never give morphine. Clear chest by postural drainage. Artificial respiration or oxygen administration may be necessary. Observe patient continuously for 48 hours.

**NOTE TO PHYSICIAN:** For Endrin poisoning, administer barbiturates as for anti-convulsant therapy. Observe patient carefully since repeated treatment may be necessary.

### CONTAINER DISPOSAL

**DO NOT** re-use the container. Completely empty contents and bury unused chemical at least 18 inches deep in an isolated location away from water supplies.

**GLASS CONTAINER**—Break container and bury pieces at least 18 inches deep in isolated location away from water supplies.

#### METAL CONTAINERS:

**1-GALLON CANS**—Pour 1 pt. of water into empty can and add 1 tablespoonful household detergent. Rotate can carefully to wet all inner surfaces with the solution. Bury rinse solution at least 18 inches deep in isolated location away from water supplies. Punch holes in top and bottom of can, crush can, and bury deeply in an isolated location.

**5-GALLON, 30-GALLON and 55-GALLON DRUMS**—Pour following mixture into empty containers: 5-Gallon Drum—2 qts. water, 1/2 cup caustic soda (household lye), 2 table-spoons detergent.

**30-GALLON DRUM**— 3 gallons water, 1 lb. caustic soda (household lye), 1/2 cup detergent.

**55-GALLON DRUM**—5 gallons water, 2 lb. caustic soda (household lye), 1 cup detergent. Rotate container carefully until all inner surfaces are thoroughly wet. Bury the rinse solution at least 18 inches deep in an isolated area away from water supplies.

**DANGER:** Handle caustic soda (household lye) with extreme care. Do not get on skin, in eyes or on clothing. Read and carefully follow precautions on package. Punch holes in top and bottom of container. Crush container. Bury deeply in isolated area.

#### IF THE ABOVE RINSE METHOD CANNOT BE USED

Punch holes in top of container and burn in hot fire until all paint has been completely burned off container. Extreme care should be exercised to insure that containers are completely empty and that persons stay well away from smoke and fumes. Do not attempt to burn more than 5 containers at one time.

NET CONTENTS

U.S. GALLONS

# HELENA

## BRAND

# LIQUIDATOR

## Emulsifiable Insecticide Concentrate

(CONTAINS 1.6 LB. ENDRIN AND 1 LB. GUTHION® PER GALLON)

**DANGER**  **POISON**

**KEEP OUT OF REACH OF CHILDREN**  
**SEE ANTIDOTE AND OTHER WARNINGS ON SIDE PANEL**

#### ACTIVE INGREDIENTS:

Endrin (Hexachlorocyclopentahydro-endo-dimethanophthalene) .....	17.94
*O,O-Dimethyl S-(4-oxo-1,2,3-benzotriazin-3(4H)-yl)ethyl) .....	11.96
Xylene .....	27.68

INERT INGREDIENTS: .....	53.42
TOTAL .....	100.00

\*Guthion

**DO NOT USE, POUR, SPILL, OR STORE NEAR HEAT OR OPEN FLAME.**

**DANGER:** Poisonous if swallowed, inhaled or absorbed through skin. Rapidly absorbed through skin. See side panel for additional required warning statements.

**NOT FOR USE OR STORAGE IN OR AROUND THE HOME**

MANUFACTURED BY

# HELENA CHEMICAL COMPANY

MEMPHIS, TENNESSEE

## RECOMMENDATIONS

Application should be made only by approved equipment.

This product is an emulsifiable concentrate that must be diluted with water for use.

For early season control of aphid, thrips, and fleahopper, dilute in sufficient water to give good coverage.

For mid and late season control of boll weevil, by eggs and other plant bugs and leafworm, use 1 1/2 - 2 gallons per acre in sufficient water to give good coverage.

Care should be taken that this material is not allowed to drift into non-crop areas.

## USAGE CAUTIONS

Cotton which has received applications of this insecticide should not be used for animals or animals being finished for slaughter. Do not apply within 7 days of harvest. On the day of application should wear protective clothing. Do not allow this material to drift onto neighboring crops or at a time other than in accordance with label directions. Excessive residues or other undesirable results may occur. Dealers should sell in Original Packages Only.

**WORKERS ENTERING THE FIELDS WITHIN 24 HOURS AND GUTHION® SHOULD WEAR PROTECTIVE CLOTHING. WORKERS ENTERING FIELDS WITHIN 5 DAYS AFTER 1**

Use only as recommended.

For aircraft application: Use with 1 to 3 gallons of water per acre for growth and good coverage. For ground spray equipment use 1/2 to 1 gallon per acre.

5705-203

## WARNING

### WARNING AND LIMITATIONS

Helena Chemical Company warrants that the chemical description on the label is for the purpose referred to in the Directions for Sale, subject to the inherent risks of chemical use. Helena Chemical Company makes no other warranty, including any other express or implied warranty of MERCHANTABILITY, and no other Company is authorized to do so except in writing. Any damage to this warranty shall be limited to direct consequential commercial damage and value etc.

GUTHION is a Reg. TM of the German trademark pro

DO NOT RE-USE THIS CONTAINER


# HELENA

## BRAND

# LIQUIDATOR

### Emulsifiable Insecticide Concentrate

(CONTAINS 1.6 LB. ENDRIN AND 1 LB. GUTHION<sup>®</sup> PER GALLON)

**DANGER**  **POISON** KEEP OUT OF REACH OF CHILDREN  
SEE ANTIDOTE AND OTHER WARNINGS ON SIDE PANEL

**ACTIVE INGREDIENTS:**

Endrin (Hexachlorocyclohexane-endo, endo-dimethanophthalene) .....	17.94%
*O,O-Dimethyl S(4-oxo-1,2,3-benzotriazin-3(4H)-ylmethyl) .....	10.96%
Xylene .....	27.68%
INERT INGREDIENTS: .....	43.42%
TOTAL .....	100.00%

\*Guthion

**DO NOT USE. POUR, SPILL, OR STORE NEAR HEAT OR OPEN FLAME.**

**DANGER:** Poisonous if swallowed, inhaled or absorbed through skin. Rapidly absorbed through skin. See side panel for additional required warning statements.

**NOT FOR USE OR STORAGE IN OR AROUND THE HOME**

MANUFACTURED BY  
**HELENA CHEMICAL COMPANY**  
MEMPHIS, TENNESSEE

### RECOMMENDATIONS

Application should be made only by experienced personnel using approved production equipment.  
This product is an emulsifiable concentrate that must be diluted with water for use in the control of certain insects attacking cotton.  
For early season control of aphids, thrips, and fleahoppers use 1 pint per acre of this material in sufficient water to give good coverage.  
For mid and late season control of boll weevil, bollworm, thrips, aphids, fleahoppers, lygus and other plant bugs and leafworm use 1 1/2 - 2 pints per acre of this material in sufficient water to give good coverage.  
Care should be taken that this material is not allowed to drift onto neighboring crop or non-crop areas.

### USAGE CAUTION

Cotton which has received applications of this insecticide should not be grazed by dairy animals or animals being finished for slaughter. Do not feed trash from treated cotton to such animals. Do not apply within 7 days of hand picking. Workers entering fields on the day of application should wear protective clothing.  
Do not allow this material to drift onto neighboring crop or non-crop areas or use in a manner or at a time other than in accordance with directions, because plant injury, excessive residues or other undesirable results may occur.  
Dealers should sell in Original Packages Only.  
**WORKERS ENTERING THE FIELDS WITHIN 24 HOURS AFTER APPLICATION OF ENDRIN AND GUTHION<sup>®</sup> SHOULD WEAR PROTECTIVE CLOTHING.**  
**WORKERS ENTERING FIELDS WITHIN 5 DAYS AFTER TREATMENT SHOULD BE PROTECTED.**

Use only as recommended!

For aircraft application: Use with 1 to 3 gallons of water per acre consistent with crop growth and good coverage. For ground spray equipment: Use with 10 to 25 gallons of water per acre.

5905-203

### WARNING

#### WARNING AND LIMITATIONS OF DAMAGES.

Helena Chemical Company warrants that this material conforms to the chemical description on the label and is reasonably fit for the purpose referred to in the Directions for Use and Conditions of Sale, subject to the inherent risks referred to therein. Helena Chemical Company makes no other express or implied warranty, including any other express or implied warranty of FITNESS or of MERCHANTABILITY, and no agent of Helena Chemical Company is authorized to do so except in writing, with a specific reference to this warranty. Any damages arising from a breach of this warranty shall be limited to direct damages, and shall not include consequential commercial damages such as loss of profits or value etc.

EPA Reg. No. 5905-203

GUTHION - is a Reg. TM of the German trader ark proprietor, Levorkusen.

**DO NOT RE-USE THIS CONTAINER FOR ANY PURPOSE**