

## PRECAUTIONARY STATEMENTS Hazards to Humans and Domestic Animals

**Danger:** Poisonous if swallowed, inhaled or absorbed through skin. Do not get this spray in eyes, on face or on clothing.

### STATEMENT OF PRACTICAL TREATMENT:

**If swallowed and a 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 upper airway clear. Transport immediately to emergency treatment facility, maintaining clear airway and administering artificial respiration.

**If on Skin:** Remove by washing with soap and water. Get medical attention.

**If in Eyes:** Flush the eyes with clean water for 15 minutes. Get medical attention.

**If inhaled:** Remove victim to fresh air. Transport immediately to emergency treatment facility.

### INFORMATION FOR PHYSICIANS

**METHYL PARATHION ANTIDOTE:** Administer atropine sulfate in large doses. TWO to FOUR mg intravenously or intramuscularly as soon as cyanosis is overcome. Repeat at 5 to 10 minute intervals until signs of atropinization appear. 2 PAM chloride is also antidotal and may be administered in conjunction with atropine. DO NOT GIVE MORPHINE OR TRANQUILIZERS. Methyl Parathion is a strong cholinesterase inhibitor affecting the central and peripheral nervous systems and producing cardiac and respiratory depression. At first sign of pulmonary edema, the patient should be given supplemental oxygen and treated symptomatically. Continued absorption of the poison may occur and fatal relapses have been reported after initial improvement. VERY CLOSE SUPERVISION OF THE PATIENT IS INDICATED FOR AT LEAST 48 HOURS.

Endrin is a CNS depressant and hepatoforn. Toxic dosage 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 and saline laxatives help to limit GI absorption. If using charcoal, use a gentle myocardial irritability. Secretion of endrin from the body is very slow.

### WORK SAFETY RULES

Wear clean synthetic gloves and a mask or a pesticide respirator fully approved by the Mining Enforcement and Safety Administration (formerly U.S. Bureau of Mines) and Health under the provisions of 30 CFR Part II. Wash thoroughly with soap and water after handling and before eating or smoking. Wear clean clothing daily.

### REQUIRED CLOTHING FOR FEMALE WORKERS

Female ground applicators, mixers and loaders and persons must wear long-sleeved shirts and long pants made of a heavy weight fabric. Long-sleeved shirts and pants must also wear rubber gloves, boots and a hat.

### WARNING TO FEMALE WORKERS

The United States Environmental Protection Agency has determined that endrin causes both defects in laboratory animals. Exposure to endrin during pregnancy should be avoided. Female workers must be sure to wear all 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 poison.

Do not apply this product to areas where it may be in contact with children or livestock. Do not contaminate feed.

### ENVIRONMENTAL HAZARDS

This product is toxic to fish and wildlife. Birds and other wildlife in treated areas may be killed. Keep out of any body of water. Do not apply when weather conditions are such that treated areas. Do not contaminate water by cleaning of equipment or disposal of waste. Apply this product only as specified on this label.

### 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 used ponds exposed to endrin by application and storage, other than otherwise prohibited must be pasted with sludge slating. Contaminated fish 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). This pesticide should not be exposed to direct application. Apply as directed on this label. Do not apply to areas where it may be in contact with children or livestock. Do not contaminate feed.

**PHYSICAL AND CHEMICAL HAZARDS**  
CAUTION: KEEP AWAY FROM HEAT OR OPEN FLAMES  
PROTECT FROM TEMPERATURES BELOW 32° F

## 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



# Super Atem

## Emulsifiable Insecticide Concentrate

### ACTIVE INGREDIENTS: (By Weight)

*Endrin	17.7%
**O,O-Dimethyl O-p-nitrophenyl phosphorothioate	21.00%
Related compounds	1.10%
Xylene Range Aromatic Solvent	55.8%

### INERT INGREDIENTS: (By Weight)

TOTAL	100.00%
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\*Hexachlorocyclohexane-endo, endo-dimethanonaphthalene  
\*\*Methyl Parathion

1 gallon of SUPERA TEM contains 2 pounds Methyl Parathion and 1 6 pounds Endrin

KEEP OUT OF THE REACH OF CHILDREN

DANGER



POISON

SEE SIDE PANELS FOR STATEMENT OF PRACTICAL TREATMENT AND ADDITIONAL PRECAUTIONARY STATEMENTS

EPA Reg. No. 5905 GG  
SN 11/9/781M

EPA Est. No. 100  
NET CONTENTS: 5 GAL (18.92 LITERS)

METHYL PARATHION MIXTURE LIQUID



HELENA CHEMICAL COMPANY

## DIRECTIONS

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

### STORAGE AND DISPOSAL

**PROHIBITIONS**  
DO NOT CONTAMINATE WATER, FOOD OR FEED. DUMPING IS PROHIBITED.

**PESTICIDE DISPOSAL**  
PESTICIDE SPRAY MIXTURE OR RINSATE REPROCESSED SHOULD BE DISPOSED OF IN ACCORDANCE WITH FEDERAL, STATE OR LOCAL LAWS OR PURIED IN A SAFE PLACE AWAY FROM AREAS OF RESIDENCE.

**CONTAINER DISPOSAL**  
WASH, RINSE (OR EQUIVALENT) AND OFFER TO AN APPROVED LANDFILL OR RECYCLE.

**GENERAL**  
CONSULT FEDERAL, STATE OR LOCAL AGENCIES FOR ALTERNATIVE PROCEDURES.

### USE AND APPLICATION

Mix this formulation with water by agitation, pump and back into the tank. A proper mixture with no free oil on the surface. Agitate before use. ATEMA can be used with conventional low volume sprayers or by airplane.

**COTTON:** For use in Areas West of Interstate 10.

**FOR CONTROL OF:**

Cotton: Aphids, Bollworms, Boll Weevil, Cabbage Looper, Cotton Leafworm, Cutworms, Fall Armyworms, Fleahoppers, Grasshoppers, Hoppers, Plant Bugs, Tarnished Plant Bug, Thrips, Mites (certain species).

Do not apply this product within 1 mile of streams. Application may be made at distance. Application may result in excessive cotton. Do not apply when rainfall is imminent. Apply only when wind velocity is between 2 and 10 mph.

Prophylactic use of this product can lead to a loss of efficacy.

Ground Application - For use with boom sprayers, total mixture, water and chemical greater than 40 pounds per square inch. Capable of delivery 10 gallons per minute. Use atomizer or nozzle giving smaller droplets.

Aerial Application - Do not apply at less than 1 acre. Do not operate nozzle liquid pressure capable of delivery 0.4 gpm or an angle greater than 90 degrees smaller than those of type 16 such as type D 46 or any other of these types. Do not apply at greater than 1000 ft.

Do not hand pick or harvest within 24 hours of application.

Do not apply to areas where it may be in contact with children or livestock. Do not contaminate feed.

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**MENTS**  
**Animals**

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# Super Atem

## Emulsifiable Insecticide Concentrate

**ACTIVE INGREDIENTS: (By Weight)**

**Endrin	17.7%
**O,O-Dimethyl O-p-nitrophenyl phosphorothioate	21.00%
Related compounds	1.10%
Xylene Range Aromatic Solvent	55.8%
<b>INERT INGREDIENTS: (By Weight)</b>	<b>4.4%</b>
<b>TOTAL</b>	<b>100.00%</b>

\*Hexachlorocyclohexane, endo, endo-dimethanonaphthalene  
\*\*Methyl Parathion  
1 gallon of SUPER ATEM contains 2 pounds Methyl Parathion and 1.6 pounds Endrin

**KEEP OUT OF THE REACH OF CHILDREN**  
**DANGER**  
  
**POISON**  
SEE SIDE PANELS FOR STATEMENT OF PRACTICAL TREATMENT AND ADDITIONAL PRECAUTIONARY STATEMENTS

EPA Reg. No. 5905-60  
SN 1079,0281-M  
EPA Est. No.  
NET CONTENTS 5 GAL (18.92 LITERS)  
**METHYL PARATHION MIXTURE LIQUID**



HELENA CHEMICAL COMPANY

### DIRECTIONS FOR USE

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

**STORAGE AND DISPOSAL**

**PROHIBITIONS**  
DO NOT CONTAMINATE WATER, FOOD, OR FEED BY STORAGE OR DISPOSAL. OPEN DUMPING IS PROHIBITED.

**PESTICIDE DISPOSAL**  
PESTICIDE SPRAY MIXTURE OR RINSATE THAT CANNOT BE USED OR CHEMICALLY REPROCESSED SHOULD BE DISPOSED OF IN A LANDFILL APPROVED FOR PESTICIDES OR BURIED IN A SAFE PLACE AWAY FROM WATER SUPPLIES.

**CONTAINER DISPOSAL**  
TRIPLE RINSE (OR 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.

**USE AND APPLICATION**  
Mix this formulation with water by agitation or by circulating the mixture through the spray pump and back into the tank. A proper mixture will have the appearance of a milky emulsion with no free oil on the surface. Agitate before use until a uniform emulsion is formed. SUPER ATEM can be used with conventional low volume, low pressure ground equipment with hand sprayers or by airplane.

**COTTON** For use in Areas West of Interstate Highway #35 only

CROP	TO CONTROL	REMARKS
Cotton	Fleahoppers Trips	<b>Early season use</b> — Apply to 1 pint per acre in sufficient water to give uniform coverage. Apply when insects first appear and repeat as necessary.
Cotton	Aphids, Bollworms, Boll Weevil Cabbage Looper, Cotton Leafworms, Cutworms, Fall Armyworms, Fleahopper, Grasshoppers, Rapid Plant Bugs, Tarnished Plant Bugs, Trips, Widespread Stink Bug	<b>Mid and late season</b> — Use 1 to 2 pints in sufficient water to give uniform coverage. Repeat at 3 to 5 day intervals until infestation is under control. Thorough coverage is necessary for best results.

**Application Restrictions**  
Do not apply this product within 1/4 mile of human habitation. Do not apply this product by air within 1/2 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 if 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**  
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 delivery 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** — 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 a fan nozzle smaller than one capable of delivery 0.4 gpm or fan angle greater than 65 degrees such as type 6504. Do not use any cone type nozzle smaller than those capable of delivering 0.4 gpm or fan plate smaller than #16 such as type 0-40 or any other atomizer or nozzle giving smaller drop size. Do not use this material at greater than 10 feet above the crop.  
Do not hand pick or harvest within 7 days of last application.

**NOTICE OF WARRANTY**  
The manufacturer warrants that this product is free from mechanical defects and that it will perform as described on the label when used in accordance with the directions thereon. The manufacturer does not warrant that this product will be effective against all pests or that it will be effective under all conditions. The manufacturer does not warrant that this product will be effective against all pests or that it will be effective under all conditions.

**FLAMMABLE**  
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