

**DANGER-POISON-PRECAUTIONS**



**POISONOUS IF SWALLOWED**—This product can kill you if swallowed even in small amounts. Spray mist or dust may be toxic if swallowed.



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



**POISONOUS IF BREATHED**—Breathing vapors, spray mist or dust may be toxic.

**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND 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.  
Suggested persons must receive prompt medical attention or they may die.

**PROTECTIVE CLOTHING REQUIRED:** Wear clean protective clothing, goggles, and respirator approved by NIOSH or the American National Standards Institute when applying or handling, or when reentering fields within (at least 24) hours of treatment. The following protective clothing must be worn: lightweight unlined, natural rubber gloves at least midforearm in length; a wide brimmed waterproof hat or waterproof hood; a protective suit or coveralls of a nonpermeable, non-cloth material covering the body from ankles to wrists; lightweight, unlined, natural rubber boots at least mid-calf in length; full-face respirators are recommended; half-face respirators and goggles are required. Aerial applicators in positive pressure cockpits and other applicators in comparable ground equipment with appropriate filters at all air intakes need not comply with these protective clothing requirements.

**WORK SAFETY RULES**

Keep all unprocessed persons and children away from treated areas 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 a Malathion Parathion EPA combination and describe the condition. After first aid is given (see First Aid Treatment Section) and if a doctor cannot come, take victim to clinic or hospital.  
**IMPORTANT!** Persons removing gloves wash them with soap and water. Always wash hands, face and arms with soap and water before breaking, eating or drinking.  
**AFTER WORK:** Take off all work clothes and shoes. Shower using soap and water. Wash hair and face. Change clothes when leaving job. Do not wear contaminated clothing. Wash protective clothing and protective equipment with soap and water after each use. Protective clothing is cleaned and later repaired according to manufacturer's instructions.

**CALL A PHYSICIAN IMMEDIATELY IN ALL CASES OF SUSPECTED POISONING  
FIRST AID PROCEDURES, ANTIDOTES AND PHYSICIAN'S INSTRUCTIONS**

**POISON SIGNS (Symptoms)**

**WARNING SYMPTOMS** include weakness, headache, dizziness in the chest, blurred vision, nausea, vomiting, diarrhea, difficulty breathing, numbness and tingling, and convulsive tremors.

**+ FIRST AID TREATMENT +**

**IF SWALLOWED**—Drink 1 or 2 glasses of water and induce vomiting by sticking back of throat with finger or blunt object. Do not induce vomiting or give anything by mouth to an unconscious person. Get medical attention.  
**INHALATION**—Remove victim from contaminated atmosphere.  
**SKIN**—In case of contact, immediately remove clothing from the vicinity of exposed areas. Remove contaminated clothing and immediately wash skin thoroughly with soap and water.  
**EYES**—In case of contact, immediately remove victim from the vicinity of the pesticide. Flush eyes immediately with water for at least 15 minutes.  
**IF WARNING SYMPTOMS (See above) OCCUR**—Keep victim alert and quiet. Start artificial respiration if victim is not breathing. Transport victim to nearest hospital immediately.  
**ANTIDOTE: ATROPINE** is the specific antidote for Malathion parathion poisoning. Check emergency supply of atropine (100 gram vials) from your physician. Keep on hand.

**INFORMATION FOR PHYSICIAN**

Give 2 to 8 mg (1.20 to 1.15 gram) of atropine immediately, preferably by intravenous injection, and repeat at 5 to 10 minute intervals until signs of atropine poisoning (dry flushed skin, dilated pupils, rapid pulse) appear. In severe cases, repeat and give 1 mg (total dosage) 10 to 15 min (2 PM) and thereafter daily to reach the 10 mg (1.00 gram) level. DO NOT GIVE MUPROPHEN OR THAMBULETIN. Malathion Parathion and EPA are using chlorpyrifos.

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BEST DOCUMENT A

**RESTRICTED FOR RETAIL SALE TO AND OR PERSONS UNDER THE THOSE USES COVERED BY CATION.**



**POISON**

See side panels for precautionary and first aid statements

**NOT FOR HOME USE**

Cotton St

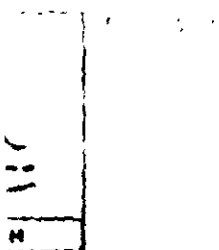
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**PRECAUTIONS**



Do not get this material on skin or eyes.



POISONOUS IF BREATHED—Breathing vapors may irritate or cause harm to lungs.

**WORK SAFETY RULES**

Wearing of appropriate protective and addition body cover required when there is danger of spill.

Do not rub eyes or touch with hands if you feel irritation or any pain. STOP work and get help right away. Call a doctor, physician, clinic or hospital immediately. Explain that the victim has been exposed to a Malathion (EPA registration no. 1339-222) and describe the condition. After first aid is given, call for a doctor, hospital, clinic or 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:** Wash face of all areas of face and entire. Shower using soap and water. Wash work clothes when leaving site. Do not wear contaminated clothing, shoes, protective gloves and protective equipment with you into or after work site. Clothing and shoes to be washed and then recycled according to instructions included with Malathion.

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**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.**

**COTTON STATES BARRICADE**

EMULSIFIABLE CONCENTRATE INSECTICIDE  
 no. 4

**KEEP OUT OF THE REACH OF CHILDREN**  
**DANGER**



**POISON**

See side panels for precautionary and first aid statements 1339-222

**NOT FOR HOME USE**

**STOP—READ LABEL BEFORE USING!**

**ACTIVE INGREDIENTS:**

O, O-Dimethyl O-p-nitrophenyl phosphorothioate*	29.83%
Related compounds	1.87%
O-Ethyl O-p-nitrophenyl phenyl phosphorothioate**	31.40%
Xylene Range Aromatic Solvent	28.14%
<b>INERT INGREDIENTS</b>	<b>11.06%</b>
<b>TOTAL</b>	<b>100.00%</b>

\*Malathion  
 \*\*DPA  
 Contains 2.25 lbs/gal Malathion Parathion by weight grade AOCAC contents 6.45 lbs/gal 5.45 lbs/gal DPA

E.P.A. Reg. No. 1339-222  
 E.P.A. Est. No. 1339-LA-1

Manufactured by  
**Cotton States Chemical Co., Inc.**

Monroe, Louisiana 71201

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CALL A PHYSICIAN IMMEDIATELY IN ALL CASES OF SUSPECTED POISONING

FIRST AID PREVENTIVE MEASURES, ANTIDOTES AND PHYSICIAN'S INSTRUCTIONS

**POISON SIGNS (Symptoms)**

WARNING! SYMPTOMS include weakness, headache, dizziness, blurred vision, nausea, vomiting, diarrhea, difficulty breathing, numbness, drowsiness and convulsions (grand mal).

**FIRST AID TREATMENT**

**IF SWALLOWED:** Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger or blunt object. Do not induce vomiting or give anything by mouth to an unconscious person. Get medical attention.

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

**SKIN:** In case of contact immediately remove victim from the vicinity of source. Remove contaminated clothing and immediately wash skin thoroughly with soap and water.

**EYES:** In case of contact immediately remove victim from the vicinity of the source. Flush eyes continuously with water for at least 15 minutes.

**IF WARNING SYMPTOMS (See Above) OCCUR:** Keep victim quiet and quiet. Call a doctor immediately if victim is not breathing. Transport victim to nearest hospital immediately.

**ANTIDOTE: ATROPINE** is the specific antidote to Malathion poisoning. Obtain emergency supply of atropine (100 grain vials) from your physician. Keep on hand.

**INFORMATION FOR PHYSICIAN**

Give 2 to 4 mg (1/20 to 1/15 grain) of atropine immediately, preferably by the subcutaneous route, and repeat at 15 to 30 minute intervals until signs of atropine toxicity appear (dry flushed skin, dilated pupils, rapid pulse, thirst for water, tachycardia and gale) mg (1/200 to 1/150 grain) (2 mg) and over cautiously, slowly to relieve the full syndrome. Atropine dose (2 mg) and over cautiously, slowly to relieve the full syndrome. Atropine dose (2 mg) and over cautiously, slowly to relieve the full syndrome.

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**INFORMATION FOR PHYSICIAN**

Illness affecting the central and peripheral nervous systems and producing cardiac and respiratory depression. At the first sign of pulmonary edema, the patient should be given supplementary oxygen and treated symptomatically. Continued absorption of the poison may occur and fatal reactions have been reported after oral exposure. **VERY CLOSE SUPERVISION OF THE PATIENT IS INDICATED FOR AT LEAST 48 HOURS.**

Clear chest by postural drainage. Artificial respiration or oxygen administration may be necessary.

Repeated exposure to chlorobutol inhibitors may, without warning, cause prolonged unconsciousness in very small doses of any chlorobutol inhibitor. Allow no further exposure until chlorobutol regeneration has been observed as determined by a blood test.

**DIRECTIONS FOR USE**

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

- (1) Do not apply this product when weather conditions favor drift from treated area.
- (2) Do not apply to blooming cotton if bees are visiting the treatment area.
- (3) Do not apply to corn during the pollen-shed period if bees are visiting the treatment area.

**Re-entry Statement**

Workers entering treated fields within 48 hours of application should wear protective clothing.

Where a dosage range is given, use the lower rate on small, young plants or where insect infestation is light, use the higher rate on large or mature plants or where insect infestation is heavy.

**BARRICADE** may be applied by ground or aerial application. When making ground application, apply the recommended dosage in at least 3 gallons of water per acre, using sufficient water to give good coverage of the foliage. For aerial application, use 3 to 10 gallons of water per acre.

To make spray mixture, fill half of the spray tank with water, agitate, add the proper amount of **BARRICADE**, then fill the spray tank with water while still agitating. Continue to agitate while using.

**POST TREATED AREA**

Consult your State Agricultural Extension Service or Experiment Station regarding posting of treated areas.

CROP	INSECT	RATE OF BARRICADE PER ACRE	APPLICATION DIRECTIONS AND LIMITATIONS
Cotton	Aphids Belt Weevil Cotton Leafhopper Cotton Leafworm Fall Armyworm Foliage Miner Green Stink Bug Lycid Bugs (and other Lycids) Red Spotted Spider Mite Thrips	2/3 to 1 1/3 lbs	Make application at 5 to 7 day intervals until control is obtained. Do not apply within 7 days of hand-picking or harvest. Do not feed treated forage or get trash to livestock.
	Chickling Ground Beetle Meadow Bean Beetle Pudic Beetle Pudic Bug (Red) Tarnished Planthopper Russet Mite Serpentine Leafminer Southern Armyworm Spartan Webworm Two-spotted Mite	2 to 2 pms	
	Beet Armyworm Borer Cabbage Looper Corn Leaf Miner Sawfly Caterpillar Tobacco Budworm Yellow Striped Armyworm	2 to 3 pms	

CROP	INSECT	RATE OF BARRICADE PER ACRE	APPLICATION DIRECTIONS AND LIMITATIONS
Corn	Chickling Ground Beetle Corn Leaf Aphid Corn Rootworm (adult) Fall Armyworm Sandhopper	1 to 2 pms	Repeat application as necessary. Do not apply within 14 days of harvest.
	Armyworm (up to 1st instar)	2 to 3 pms	Make first application when 25% of the plants show evidence of leaf feeding and continue at 5 day intervals until all leaf feeding is ended. From 1 to 3 treatments may be required for control of second brood borers. Apply when eggs begin to hatch. Do not apply within 14 days of harvest.
	European Corn Borer (1st instar)	2 to 3 pms	
	European Corn Borer (2nd instar)	2 to 3 pms	Make application 10 days after eggs hatch or when 1% of the plants show evidence of leaf feeding in leaf whorls. Repeat 7 to 10 days later if evidence of leaf feeding is observed. For control of second brood borers apply when eggs begin to hatch. Do not apply within 14 days of harvest.
	Southwestern Corn Borer (1st instar)		Apply when 1% of the plants show evidence of leaf feeding in leaf whorls. Do not apply within 14 days of harvest.

**ENVIRONMENTAL HAZARDS**

This product is toxic to fish and other aquatic life. Do not apply to any water area. Do not allow runoff of any treated water into streams, rivers, or other bodies of water. Do not use in areas where water is used for drinking. Do not use in areas where water is used for irrigation. Do not use in areas where water is used for livestock. Do not use in areas where water is used for wildlife. Do not use in areas where water is used for recreation. Do not use in areas where water is used for agriculture. Do not use in areas where water is used for industry. Do not use in areas where water is used for power generation. Do not use in areas where water is used for transportation. Do not use in areas where water is used for other purposes.

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This product is highly toxic to bees exposed to direct treatment or residues on blooming crops and weeds. Do not apply this product or allow it to drift to blooming crops or weeds if bees are visiting the treatment area.

**PHYSICAL OR CHEMICAL HAZARDS**

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

CROP	INSECT	RATE OF BARRICADE PER ACRE
Beans (Dry)	Aphids Armyworm (up to 1st instar) Belt Weevil Leafhopper Lycid Bug Mite	1 to 3 pms
Beans (Dry)	Chickling Ground Beetle Meadow Bean Beetle Pudic Mite Serpentine Leafminer Spartan Webworm Thrips Tobacco Budworm Two-spotted Mite	1 to 3 pms
Soybeans	Chickling Ground Beetle	3 to 4 pms
	Sandhopper Meadow Caterpillar	1 pms
	Aphids Belt Weevil Cotton Bollworm Cotton Webworm Meadow Bean Beetle Tobacco Budworm Two-spotted Spider Mite	1 to 3 pms
	Cabbage Looper Corn Leafminer Green Cloverworm	2 pms
	Fall Armyworm (up to 1st instar)	2 to 3 pms
Tomatoes	Petal Aphid Serpentine Leafminer Southern Armyworm Tomato Pinworm	1 to 3 to 1 to 2 pms
	Mite Phytophthora Spider Mite Spartan Webworm Thrips Two-spotted Spider Mite Yellow Striped Armyworm	2 to 3 pms
	Belt Weevil Cabbage Looper	2 to 3 pms

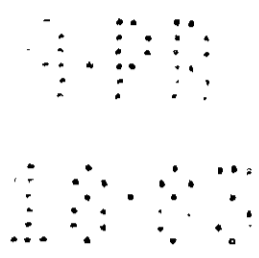
**USE MIXTURES PER C**  
This product may be tank mixed with GARDOL 411, Funder 411, Funder 412, or Funder 413 when using these products. Precautions which appear on the labels for the tank mixtures should be followed as indicated on the label.

\*GARDOL 411 is a trademark of the Finner Corp.  
\*Funder 411 and Funder 412 are trademarks of Funder Corp.  
\*Larvex and Larvex L are trademarks of E. I. du Pont de Nemours and Co.  
\*Mite 1 and Mite 2 are trademarks of Shell Chemical.

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### STORAGE AND DISPOSAL

**1. Precautions**

Do not contaminate water, food or feed by storage, disposal or cleaning of equipment. Open burning is prohibited. Do not reuse empty container.

**2. Pesticide Disposal**

Pesticide, spray mixture or rinse water 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.

**3. Container Disposal**

Triple rinse, and offer for recycling, reconditioning, or disposal in approved landfill, or bury in a safe place.

**4. General**

Consult federal, state or local disposal authorities for approved alternatives.

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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DEC 16 1983

R. T. Jones  
Cotton States Chemical Co.  
P.O. Drawer 157  
West Monroe, LA 71291

Dear Mrs. Jones:

Subject: EPN F.R. Notice of August 31, 1983  
MEPN 33  
EPA Registration No. 1339-219  
MEPN 42  
EPA Registration No. 1339-220  
Cotton States Barricade  
EPA Registration No. 1339-222  
Your Submission Dated November 14, 1983

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.

I. Regarding "MEPN-33" and "MEPN-42," the following changes must be made on the labels and submitted to us before you release any of these products for shipment.

- a. Change the reentry interval from 24 to 48 hours.
- b. Under the heading "Directions For Use" include the statement: "It is a violation of Federal Law to use this product in a manner inconsistent with its labeling."
- c. Add the wording: "For aerial applications, flagging must be by fully authorized mechanical means or by humans working in totally enclosed vehicles...."

II. Regarding "Cotton States Barricades,"

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CONCURRENCES							
SYMBOL ▶							
SURNAME ▶							
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- a. Add the flagging statement in item IC above.
- b. The reentry interval is 48 hours instead of 24.

Sincerely yours,

Jay S. Ellenberger  
Product Manager (12)  
Insecticide-Rodenticide Branch  
Registration Division (TS-767)

Enclosure

DCR-28448:Ellenberger:12/15/83;del.12/30/83:CBI-14:tar

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