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5905-85

HELENA CHEMICAL COMPANY



CORPORATE OFFICE

Suite 3200 - Clark Tower  
5100 Poplar Avenue  
Memphis, Tennessee 38137  
Telephone 901/761-0050  
Telex 8105911595

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

HELENA

MILAN

Emulsifiable Insecticide Concentrate

ACTIVE INGREDIENTS:

O-Ethyl O-p-Nitrophenyl Phenylphosphonothioate.....	31.00%
O,O-Dimethyl O-p-nitrophenyl phosphorothioate.....	29.45%
Related Compounds.....	1.55%
Xylene.....	33.00%
INERT INGREDIENTS.....	5.00%
TOTAL.....	100.00%

1 gallon of Helena Milan contains 3 lbs EPN and 3 lbs Methyl Parathion.

DANGER - POISON - PELIGRO

SEE SIDE PANELS  
FOR ANTIDOTES AND  
PRECAUTIONS

KEEP OUT OF  
REACH OF  
CHILDREN

PRECAUCION AL USARIO: Si usted no lee ingles, no use este producto hasta que le etiqueta haya sido explicado ampliamente. (TRANSLATION: TO THE USER: If you cannot read English, do not use this product until the label has been fully explained to you.)

EPA Reg. No. 5905-85  
EPA Est. No. \*

Net Contents

Manufactured by  
Helena Chemical Company  
Memphis, TN 38137

ACCEPTED  
NOV 04 1983  
Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended, for the pesticide  
registered under  
EPA Reg. No. 5905-85

PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS  
DANGER - POISON

Poisonous if swallowed, inhaled or absorbed through skin. Do not breathe spray mist. Do not get in eyes, on skin, or on clothing. Repeated inhalation or skin contact may, without symptoms progressively increase susceptibility to EPN poisoning.

STATEMENT OF PRACTICAL TREATMENT

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

EYE CONTACT - Flush immediately with clean water for 15 minutes. Get medical attention.

IF BREATHED - Remove victim to fresh air. Get medical attention.

SKIN CONTACT - Remove contaminated clothing and immediately wash skin with soap and water. Get medical attention.

POISONING SYMPTOMS: Weakness, headache, blurred vision, nausea, vomiting, diarrhea, cramps, non-reactive pinpoint pupils, salivation, sweating and discomfort in chest.

NOTE TO PHYSICIAN (Treatment): Atropine is the specific therapeutic antagonist of choice against parasympathetic nervous stimulation. If there are signs of parasympathetic stimulation, atropine sulfate should be injected at 10 minute intervals in doses of 1 to 2 milligrams until complete atropinization has occurred. Morphine is contraindicated. Clear chest by postural drainage. Oxygen administration may be necessary. Observe patient continuously for 48 hours. Repeated exposure to cholinesterase inhibitors may, without warning, cause prolonged susceptibility to very small doses of any cholinesterase inhibitor. Allow no further exposure until the time for cholinesterase regeneration has been determined by blood tests. 2-PAM is also antidotal and may be administered in conjunction with atropine.

ENVIRONMENTAL HAZARDS

This product is toxic to fish, birds and other wildlife. Birds and other wildlife in treated areas may be killed. Do not apply directly to water. 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.

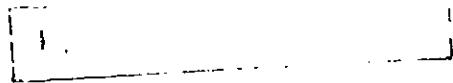
This product is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds if bees are visiting the treatment area.

PHYSICAL AND CHEMICAL HAZARDS

Do not use or store near heat or open flame.

DIRECTIONS FOR USE

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



RE-ENTRY STATEMENT AND WORK SAFETY RULES

Do not enter treated areas for 48 hours unless appropriate protective clothing is worn.

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

Because certain states may require more restrictive reentry intervals for various crops treated with this product, consult your State Department of Agriculture for further information.

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 48 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 midcalf in length; full-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.

Written or oral warnings must be given to workers who are expected to be in a treated area or in an area about to be treated with this product. (Indicate specific oral warnings which inform workers of areas or fields that may not be entered without specific protective clothing, period of time field must be vacated and appropriate actions to take in case of accidental exposure.) When oral warnings are given, warnings shall be given in a language customarily understood by workers. Oral warnings must be given if there is reason to believe that written warnings cannot be understood by workers. Written warnings must include the following information: '(Appropriate signal word DANGER or WARNING). Area treated with (name of pesticide) on (date of application). Do not enter without appropriate protective clothing for 48 hours. (Insert here actions to take in case of accidental exposure.)'

STORAGE AND DISPOSAL

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

Pesticide disposal: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate 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: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

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USE DIRECTIONS

Do not apply this product when weather conditions favor drift from treated areas. Do not apply to blooming cotton if bees are visiting the treatment area.

Apply recommended amounts of HELENA MILAN in 1 - 3 gallons of water per acre for airplane application. For aerial applications, flagging must be by fully automated mechanical means or by humans working in totally enclosed vehicles.

Apply in approximately 8 gallons of water per acre for ground equipment.

COTTON - For control of Aphids, Boll Weevils, Cotton Leafworm, Fleahoppers, Spider Mites - apply 1 1/2 pints per acre. For control of Cotton Bollworm and Budworm apply 1 1/3 quarts per acre. Do not hand pick or harvest within 7 days. Do not feed forage or gin trash to livestock.

Consult State Agricultural Experiment Station or State Agricultural Extension Service for recommendations on time and specific dosage rates.

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CONDITIONS OF SALE - LIMITED WARRANTY AND LIMITATIONS OF LIABILITY AND REMEDIES

THE DIRECTIONS FOR USE OF THIS PRODUCT REFLECT THE OPINION OF EXPERTS BASED ON FIELD USE AND TESTS. THE DIRECTIONS ARE BELIEVED TO BE RELIABLE AND SHOULD BE FOLLOWED CAREFULLY. HOWEVER, IT IS IMPOSSIBLE TO ELIMINATE ALL RISKS INHERENTLY ASSOCIATED WITH THE USE OF THIS PRODUCT. CROP INJURY, INEFFECTIVENESS OR OTHER UNINTENDED CONSEQUENCES MAY RESULT BECAUSE OF SUCH FACTORS AS WEATHER CONDITIONS, PRESENCE OF OTHER MATERIALS, OR THE MANNER OF USE OR APPLICATION, ALL OF WHICH ARE BEYOND THE CONTROL OF HELENA OR THE SELLER. ALL SUCH RISKS SHALL BE ASSUMED BY THE PURCHASER AND USER.

HELENA WARRANTS THAT THIS PRODUCT CONFORMS TO THE CHEMICAL DESCRIPTION ON THE LABEL AND IS REASONABLY FIT FOR THE PURPOSE REFERRED TO IN THE DIRECTIONS FOR USE SUBJECT TO THE INHERENT RISKS REFERRED TO ABOVE. HELENA MAKES NO OTHER WARRANTY OR REPRESENTATION OF ANY KIND, EXPRESS OR IMPLIED, CONCERNING THE PRODUCT, INCLUDING NO IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE, AND NO SUCH WARRANTIES SHALL BE IMPLIED BY LAW.

THE EXCLUSIVE REMEDY AGAINST HELENA FOR ANY CAUSE OF ACTION RELATING TO THE HANDLING OR USE OF THIS PRODUCT IS A CLAIM FOR DAMAGE AND IN NO EVENT SHALL DAMAGES OR ANY OTHER RECOVERY OF ANY KIND AGAINST HELENA EXCEED THE PRICE OF THE PRODUCT WHICH CAUSES THE ALLEGED LOSS, DAMAGE, INJURY, OR OTHER CLAIM. HELENA SHALL NOT BE LIABLE AND ANY AND ALL CLAIMS AGAINST HELENA ARE WAIVED, FOR SPECIAL, INDIRECT, INCIDENTAL, OR CONSEQUENTIAL DAMAGES OR EXPENSES, OF ANY NATURE,, INCLUDING, BUT NOT LIMITED TO, LOSS OF PROFITS OR INCOME, AND CROP OR PROPERTY LOSS OR DAMAGE, WHETHER OR NOT BASED ON HELENA'S NEGLIGENCE, BREACH OF WARRANTY, STRICT LIABILITY IN TORT OR ANY OTHER CAUSE OF ACTION.

HELENA AND THE SELLER OFFER THIS PRODUCT AND THE BUYER AND USER ACCEPT IT, SUBJECT TO THE FOREGOING CONDITIONS OF SALE AND LIMITATIONS OF WARRANTY, LIABILITY AND REMEDIES WHICH MAY ONLY BE VARIED BY AGREEMENT IN WRITING SIGNED BY A DULY AUTHORIZED REPRESENTATIVE OF HELENA.

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ESTABLISHMENT NUMBER STATEMENT

\* First letters of product batch code indicate producing establishment.

5905-FL-1=TF • 5905-GA-1=CG • 5905-AR-1=WA

5905-OK-1=AO • 5905-TX-2=AT • 5905-CA-1=KC

5905-LA-3=DL



**DANGER—POISON—PRECAUTIONS**

**POISONOUS IF SWALLOWED**

**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.



**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, spray mist or dust may be fatal.



**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 and ponds. Do not apply where runoff is likely to occur. Do not contaminate water by cleaning of equipment or disposal of waste. Apply this product only as specified on the 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.

**DANGER**

**DANGER:** Poisonous if swallowed, inhaled, or absorbed through skin! Rapidly absorbed through skin.

**POISONING SYMPTOMS:** Headache, blurred vision, weakness, nausea, cramps, diarrhea, discomfort in chest.

**ANTIDOTE:** Atropine is the specific antidote. Obtain emergency supply of Atropine 1/100 grain tablets from your physician. Keep on hand.

**CALL A PHYSICIAN IMMEDIATELY** if persons handling or working with Parathion develop poisoning symptoms.

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

**FIRST AID TREATMENT**

Call a doctor (physician), clinic or hospital immediately. Explain that the person has been exposed to Parathion and describe his condition.

If breathing has stopped, start artificial respiration immediately and maintain until doctor sees victim.

**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.

In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. See doctor immediately.

**POST TREATED AREA**

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

**FOR ALL EMPTY CONTAINERS**

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

**GLASS CONTAINERS** Break the container and bury the pieces at least 18 inches deep in an 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 an isolated location away from water supplies. Punch holes in top and bottom of cans, crush can, and bury deeply in an isolated location.

**5-GALLON, 30-GALLON and 55-GALLON DRUMS:** Pour the following mixture into empty containers:

**5-GALLON DRUMS:** 2 qts. water, 1/2 cup caustic soda (household lye), 2 tablespoons of detergent.

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

**55-GALLON DRUMS:** 5 gallons water, 2 lb. caustic soda (household lye), 1 cup detergent.

Rotate container until all inner surfaces are thoroughly wet. Bury the rinse solution at least 18 inches deep in an isolated area away from water supplies.

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

**NOTE TO PHYSICIAN**

**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.** Parathion is a strong cholinesterase inhibitor affecting the central and peripheral nervous systems and producing cardiac and respiratory depression. At first sign of laryngeal edema, the patient should be given supplementary 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.**

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**USE ONLY WHEN WEARING THE FOLLOWING  
PROTECTIVE EQUIPMENT AND CLOTHING**

(1) Wear water proof pants, coat, hat, rubber boots or rubber overshoes. (2) Wear safety goggles. (3) Wear mask or respirator approved by the U.S. Bureau of Mines for parathion protection. (4) Wear heavy duty natural rubber gloves.

**WORK SAFETY RULES**

Keep all unprotected persons and children away from treated area or 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 parathion 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.

**☠ POISON SIGNS (Symptoms)**

Parathion is a very dangerous poison. It rapidly enters the body by contact with all skin surfaces and eyes. Clothing wet with this material must be removed immediately. Exposed persons must receive prompt medical treatment or they may die.

Some of the signs and symptoms of poisoning are: Headache, nausea, vomiting, cramps, weakness, blurred vision, pin point pupils, tightness in chest, labored breathing, nervousness, sweating, watering of eyes, drooling or fothing of mouth and nose, muscle spasms and coma.

**NOTICE OF WARRANTY**

Helena Chemical Company warrants that this material conforms to the chemical description on the label and is reasonably fit for the purposes 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 not include consequential commercial damages such as loss of profit or value, etc.

SN 110979-4M

EPA Reg. No. 5905-85

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U.S. GALLONS





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**DANGER--POISON--PRECAUTIONS**

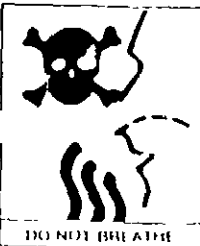
**POISONOUS IF SWALLOWED**

**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.



**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, spray mist or dust may be fatal.

**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 and ponds. Do not apply where runoff is likely to occur. Do not contaminate water by cleaning of equipment or disposal of waste. Apply this product only as specified on the 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.

**POST TREATED AREA**

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

**FOR ALL EMPTY CONTAINERS**

**DO NOT** re-use the container. Completely empty the contents and bury unused chemical at least 18 inches deep in an isolated location away from water supplies. **GLASS CONTAINERS** Break the container and bury the pieces at least 18 inches deep in an 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 an 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 the following mixture into empty containers:

**5-GALLON DRUMS-** 2 qts. water, 1/2 cup caustic soda (household lye), 2 tablespoons of detergent.

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

**55-GALLON DRUMS-** 5 gallons water, 2 lb. caustic soda (household lye), 1 cup detergent.

Rotate container until all inner surfaces are thoroughly wet. Bury the rinse solution at least 18 inches deep in an isolated area away from water supplies.

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

**NOTE TO PHYSICIAN**

**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.** 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.**

**\*\*\* DANGER \*\*\***

**DANGER:** Poisonous if swallowed, inhaled, or absorbed through skin. Rapidly absorbed through skin.

**POISONING SYMPTOMS:** Headache, blurred vision, weakness, nausea, cramps, diarrhea, discomfort in chest.

**ANTIDOTE:** Atropine is the specific antidote. Obtain emergency supply of Atropine 1/100 grain tablets from your physician. Keep on hand.

**CALL A PHYSICIAN IMMEDIATELY** if persons handling or working with Parathion develop poisoning symptoms.

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

**◆ FIRST AID TREATMENT ◆**

Call a doctor (physician), clinic, or hospital immediately. Explain that the victim has been exposed to Parathion and describe his condition.

If breathing has stopped, start artificial respiration immediately and maintain until doctor sees victim.

**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.

In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. See doctor immediately.

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rubber overboots (2) or rubber apron (2) or respirator approved by the U.S. Bureau of Mines for parathion protection (4) Wear heavy duty natural rubber gloves

#### WORK SAFETY RULES

Keep all unprotected persons and children away from treated area or 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 parathion 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

#### ☠ POISON SIGNS (Symptoms)

Parathion is a very dangerous poison. It rapidly enters the body by contact with all skin surfaces and eyes. Clothing wet with this material must be removed immediately. Exposed persons must receive prompt medical treatment or they may die.

Some of the signs and symptoms of poisoning are: Headache, nausea, vomiting, cramps, weakness, blurred vision, pin point pupils, tightness in chest, labored breathing, nervousness, sweating, watering of eyes, drooling or frothing of mouth and nose, muscle spasms and coma.

#### NOTICE OF WARRANTY

Helena Chemical Company warrants that this material conforms to the chemical description on the label and is reasonably fit for the purposes 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 not include consequential commercial damages such as loss of profit or value, etc.

SN-112078-M  
EPA REG NO 5905-85

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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

STOP - READ LABEL BEFORE USING!

**POISON**  
See Side Panels  
for Antidote &  
Precautions



**DANGER**  
Keep Out of  
Reach of  
Children



# MILAN

Emulsifiable Insecticide Concentrate

1 gallon of HELENA BRAND MILAN contains 6 lbs of Insecticide	<b>ACTIVE INGREDIENTS</b>	
	O Ethyl O p Nitrophenyl Phenyl phosphonothioate	31.00%
	O O-Dimethyl O p Nitrophenyl Thio phosphate	31.00%
	Xylene	31.00%
	<b>INERT INGREDIENTS</b>	5.00%
	<b>TOTAL</b>	<b>100.00%</b>

DO NOT RE-USE THIS CONTAINER FOR ANY PURPOSE

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

81773

### GENERAL DIRECTIONS

Thoroughly apply recommended amounts of Milan in 13 gallons of water per acre for airplane application, approximately 8 gallons of water per acre for ground equipment.

### DIRECTIONS FOR USE

INSECTS	COTTON	RATE
Aphids, Boll Weevil, Cotton Leaf-worm, Fleahoppers, some species of Spider Mites.		12 acres per gallon of MILAN
Cotton Bollworm and Budworm		3 acres per gallon of MILAN
Consult State Agricultural Experiment Station or State Agricultural Extension Service for recommendations on times and specific dosage rates.		

Do not hand pick or harvest within 7 days. Workers entering fields within 24 hours after application should wear protective clothing.

RECORDED  
INDEXED  
Under the  
5765-85

NOT FOR HOME USE

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**DANGER—POISON—PRECAUTIONS** ☠

**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, spray mist or dust may be fatal.

**POISONOUS TO FISH AND WILDLIFE**

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 favor drift from treated areas. Do not apply where runoff is likely to occur. To protect bees, do not apply when crops are in bloom. Remove or cover hives if application is necessary during bloom. 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.

**DANGER**

**DANGER:** Poisonous if swallowed, inhaled or absorbed through skin. Rapidly absorbed through skin.

**POISONING SYMPTOMS:** Headache, blurred vision, weakness, nausea, cramps, diarrhea, discomfort in chest.

**ANTIDOTE:** Atropine is the specific antidote. Obtain emergency supply of Atropine 1/100 grain tablets from your physician. Keep on hand.

**CALL A PHYSICIAN IMMEDIATELY** if persons handling or working with Parathion develop poisoning symptoms.

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

**✦ FIRST AID TREATMENT ✦**

Call a doctor (physician), clinic or hospital immediately. Explain that the victim has been exposed to parathion and describe his condition.

If breathing has stopped, start artificial respiration immediately and maintain until doctor sees victim.

If swallowed and victim is awake (conscious) make him vomit quickly. Induce vomiting by sticking finger down throat or by giving soapy or strong salt water to drink. Repeat until vomit is clear. Never give anything by mouth to an unconscious person. Have victim lie down and keep quiet. See doctor immediately.

In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. See doctor immediately.

**POST TREATED AREA**

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

**FOR ALL EMPTY CONTAINERS**

**DO NOT** reuse the container. Completely empty the contents and bury unused chemical at least 18 inches deep in an isolated location away from water supplies. **GLASS CONTAINERS:** Break the container and bury the pieces at least 18 inches deep in an 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. Burial solution at least 18 inches deep in an isolated location, away from water supplies. Punch holes in top and bottom of cans, crush can, and bury deeply in an isolated location.

**5-GALLON, 30-GALLON and 55-GALLON DRUMS:** Pour the following mixture into empty containers.

**5-GALLON DRUMS:** 2 qts water, 1/2 cup caustic soda (household lye), 2 tablespoons of detergent.

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

**55-GALLON DRUMS:** 5 gallons water, 2 lb caustic soda (household lye), 1 cup detergent.

Rotate container until all inner surfaces are thoroughly wet. Bury the rinse solution at least 18 inches deep in an isolated area away from water supplies.

**CAUTION:** Handle caustic soda (household lye) with extreme care. Do not get on skin, in eyes, or on clothing. **REUSE:** Carefully follow the precautions on package. Punch holes in top and bottom of container, crush container. Bury deeply in an 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.

**NOTE TO PHYSICIAN**

**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.** Parathion is a strong cholinesterase inhibitor affecting the central and peripheral nervous systems and producing cardiac and respiratory depression. At first stage 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.**

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**DANGER--POISON--PRECAUTIONS**

**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, spray mist or dust may be fatal.

**POISONOUS TO FISH AND WILDLIFE**

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 favor drift from treated areas. Do not apply where runoff is likely to occur. To protect bees, do not apply when crops are in bloom. Remove or cover hives if application is necessary during bloom. 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.

**DANGER**

**DANGER:** Poisonous if swallowed, inhaled or absorbed through skin! Rapidly absorbed through skin.

**POISONING SYMPTOMS:** Headache, blurred vision, weakness, nausea, cramps, diarrhea, discomfort in chest.

**ANTIDOTE:** Atropine is the specific antidote. Obtain emergency supply of Atropine 1/100 grain tablets from your physician. Keep on hand.

**CALL A PHYSICIAN IMMEDIATELY** if persons handling or working with Parathion develop poisoning symptoms.

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

**◆ FIRST AID TREATMENT ◆**

Call a doctor (physician) clinic or hospital immediately. Explain that the victim has been exposed to parathion and describe his condition.

If breathing has stopped, start artificial respiration immediately and maintain until doctor sees victim.

If swallowed and victim is awake (conscious), make him vomit quickly. Induce vomiting by sticking finger down throat or by giving soapy or strong salt water to drink. Repeat until vomit is clear. Never give anything by mouth to an unconscious person. Have victim lie down and keep quiet. See doctor immediately.

In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. See doctor immediately.

**POST TREATED AREA**

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

**FOR ALL EMPTY CONTAINERS**

**DO NOT** re use the container. Completely empty the contents and bury unused chemical at least 18 inches deep in an isolated location away from water supplies.  
**GLASS CONTAINERS:** Break the container and bury the pieces at least 18 inches deep in an 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 an isolated location away from water supplies. Punch holes in top and bottom of cans, crush can, and bury deeply in an isolated location.

**5-GALLON, 30-GALLON and 55-GALLON DRUMS-** Pour the following mixture into empty containers:

**5-GALLON DRUMS-** 2 qts. water, 1/2 cup caustic soda (household lye), 2 tablespoons of detergent.

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

**55-GALLON DRUMS-** 5 gallons water, 2 lb. caustic soda (household lye), 1 cup detergent.

Rotate container until all inner surfaces are thoroughly wet. Bury the rinse solution at least 18 inches deep in an isolated area away from water supplies.

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

**NOTE TO PHYSICIAN**

**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.** 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.**

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5905-85

HELENA CHEMICAL COMPANY



CORPORATE OFFICE

Suite 3200 -- Clark Tower  
5100 Poplar Avenue  
Memphis, Tennessee 38137  
Telephone 901/761-0050  
Telex 8105911595

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

HELENA

MILAN

Emulsifiable Insecticide Concentrate

ACTIVE INGREDIENTS

O-Ethyl O-p-Nitrophenyl Phenylphosphonothioate.....	31.00%
O,O-Dimethyl O-p-nitrophenyl phosphorothioate.....	29.45%
Related Compounds.....	1.55%
Xylene.....	33.00%
INERT INGREDIENTS.....	5.00%
TOTAL.....	100.00%

1 gallon of Helena Milan contains 3 lbs EPN and 3 lbs Methyl Parathion.

DANGER - POISON - PELIGRO  
SEE SIDE PANELS FOR ANTIDOTES AND PRECAUTIONS  
KEEP OUT OF REACH OF CHILDREN

PRECAUCION AL USARIO: Si usted no lee ingles, no use este producto hasta que le etiqueta haya sido explicado ampliamente. (TRANSLATION: TO THE USER: If you cannot read English, do not use this product until the label has been fully explained to you.)

EPA Reg. No. 5905-85  
EPA Est. No. \*

Net Contents

Manufactured by  
Helena Chemical Company  
Memphis, TN 38137

ACCEPTED  
NOV 04 1983  
Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended for the pesticide registered under EPA Reg. No. 5905-85

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PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS  
DANGER - POISON

Poisonous if swallowed, inhaled or absorbed through skin. Do not breathe spray mist. Do not get in eyes, on skin, or on clothing. Repeated inhalation or skin contact may, without symptoms progressively increase susceptibility to EPN poisoning.

STATEMENT OF PRACTICAL TREATMENT

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

EYE CONTACT - Flush immediately with clean water for 15 minutes. Get medical attention.

IF BREATHED - Remove victim to fresh air. Get medical attention.

SKIN CONTACT - Remove contaminated clothing and immediately wash skin with soap and water. Get medical attention.

POISONING SYMPTOMS: Weakness, headache, blurred vision, nausea, vomiting, diarrhea, cramps, non-reactive pinpoint pupils, salivation, sweating and discomfort in chest.

NOTE TO PHYSICIAN (Treatment): Atropine is the specific therapeutic antagonist of choice against parasympathetic nervous stimulation. If there are signs of parasympathetic stimulation, atropine sulfate should be injected at 10 minute intervals in doses of 1 to 2 milligrams until complete atropinization has occurred. Morphine is contraindicated. Clear chest by postural drainage. Oxygen administration may be necessary. Observe patient continuously for 48 hours. Repeated exposure to cholinesterase inhibitors may, without warning, cause prolonged susceptibility to very small doses of any cholinesterase inhibitor. Allow no further exposure until the time for cholinesterase regeneration has been determined by blood tests. 2-PAM is also antidotal and may be administered in conjunction with atropine.

ENVIRONMENTAL HAZARDS

This product is toxic to fish, birds and other wildlife. Birds and other wildlife in treated areas may be killed. Do not apply directly to water. 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.

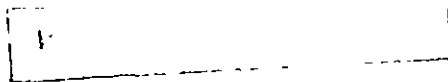
This product is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds if bees are visiting the treatment area.

PHYSICAL AND CHEMICAL HAZARDS

Do not use or store near heat or open flame.

DIRECTIONS FOR USE

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



RE-ENTRY STATEMENT AND WORK SAFETY RULES

Do not enter treated areas for 48 hours unless appropriate protective clothing is worn.

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

Because certain states may require more restrictive reentry intervals for various crops treated with this product, consult your State Department of Agriculture for further information.

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 48 hours 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 midcalf in length; full-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.

Written or oral warnings must be given to workers who are expected to be in a treated area or in an area about to be treated with this product. (Indicate specific oral warnings which inform workers of areas or fields that may not be entered without specific protective clothing, period of time field must be vacated and appropriate actions to take in case of accidental exposure.) When oral warnings are given, warnings shall be given in a language customarily understood by workers. Oral warnings must be given if there is reason to believe that written warnings cannot be understood by workers. Written warnings must include the following information: '(Appropriate signal word DANGER or WARNING). Area treated with (name of pesticide) on (date of application). Do not enter without appropriate protective clothing for 48 hours. (Insert here actions to take in case of accidental exposure.)'

STORAGE AND DISPOSAL

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

Pesticide disposal: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate 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: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.



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USE DIRECTIONS

Do not apply this product when weather conditions favor drift from treated areas. Do not apply to blooming cotton if bees are visiting the treatment area.

Apply recommended amounts of HELENA MILAN in 1 - 3 gallons of water per acre for airplane application. For aerial applications, flagging must be by fully automated mechanical means or by humans working in totally enclosed vehicles.

Apply in approximately 8 gallons of water per acre for ground equipment.

COTTON - For control of Aphids, Boll Weevils, Cotton Leafworm, Fleahoppers, Spider Mites - apply 1 1/2 pints per acre. For control of Cotton Bollworm and Budworm apply 1 1/3 quarts per acre. Do not hand pick or harvest within 7 days. Do not feed forage or gin trash to livestock.

Consult State Agricultural Experiment Station or State Agricultural Extension Service for recommendations on time and specific dosage rates.

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CONDITIONS OF SALE - LIMITED WARRANTY AND LIMITATIONS  
OF LIABILITY AND REMEDIES

THE DIRECTIONS FOR USE OF THIS PRODUCT REFLECT THE OPINION OF EXPERTS BASED ON FIELD USE AND TESTS. THE DIRECTIONS ARE BELIEVED TO BE RELIABLE AND SHOULD BE FOLLOWED CAREFULLY. HOWEVER, IT IS IMPOSSIBLE TO ELIMINATE ALL RISKS INHERENTLY ASSOCIATED WITH THE USE OF THIS PRODUCT. CROP INJURY, INEFFECTIVENESS OR OTHER UNINTENDED CONSEQUENCES MAY RESULT BECAUSE OF SUCH FACTORS AS WEATHER CONDITIONS, PRESENCE OF OTHER MATERIALS, OR THE MANNER OF USE OR APPLICATION, ALL OF WHICH ARE BEYOND THE CONTROL OF HELENA OR THE SELLER. ALL SUCH RISKS SHALL BE ASSUMED BY THE PURCHASER AND USER.

HELENA WARRANTS THAT THIS PRODUCT CONFORMS TO THE CHEMICAL DESCRIPTION ON THE LABEL AND IS REASONABLY FIT FOR THE PURPOSE REFERRED TO IN THE DIRECTIONS FOR USE SUBJECT TO THE INHERENT RISKS REFERRED TO ABOVE. HELENA MAKES NO OTHER WARRANTY OR REPRESENTATION OF ANY KIND, EXPRESS OR IMPLIED, CONCERNING THE PRODUCT, INCLUDING NO IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE, AND NO SUCH WARRANTIES SHALL BE IMPLIED BY LAW.

THE EXCLUSIVE REMEDY AGAINST HELENA FOR ANY CAUSE OF ACTION RELATING TO THE HANDLING OR USE OF THIS PRODUCT IS A CLAIM FOR DAMAGE AND IN NO EVENT SHALL DAMAGES OR ANY OTHER RECOVERY OF ANY KIND AGAINST HELENA EXCEED THE PRICE OF THE PRODUCT WHICH CAUSES THE ALLEGED LOSS, DAMAGE, INJURY, OR OTHER CLAIM. HELENA SHALL NOT BE LIABLE AND ANY AND ALL CLAIMS AGAINST HELENA ARE WAIVED, FOR SPECIAL, INDIRECT, INCIDENTAL, OR CONSEQUENTIAL DAMAGES OR EXPENSES, OF ANY NATURE, INCLUDING, BUT NOT LIMITED TO, LOSS OF PROFITS OR INCOME, AND CROP OR PROPERTY LOSS OR DAMAGE, WHETHER OR NOT BASED ON HELENA'S NEGLIGENCE, BREACH OF WARRANTY, STRICT LIABILITY IN TORT OR ANY OTHER CAUSE OF ACTION.

HELENA AND THE SELLER OFFER THIS PRODUCT AND THE BUYER AND USER ACCEPT IT, SUBJECT TO THE FOREGOING CONDITIONS OF SALE AND LIMITATIONS OF WARRANTY, LIABILITY AND REMEDIES WHICH MAY ONLY BE VARIED BY AGREEMENT IN WRITING SIGNED BY A DULY AUTHORIZED REPRESENTATIVE OF HELENA.

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ESTABLISHMENT NUMBER STATEMENT

\* First letters of product batch code indicate producing establishment.

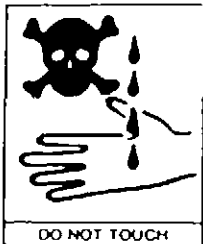
5905-FL-1=TF • 5905-GA-1=CG • 5905-AR-1=WA

5905-OK-1=AO • 5905-TX-2=AT • 5905-CA-1=KC

5905-LA-3=DL



DO NOT SWALLOW



DO NOT TOUCH



DO NOT BREATHE

**DANGER—POISON—PRECAUTIONS**

**POISONOUS IF SWALLOWED**

**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.

**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, spray mist or dust may be fatal.

**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 and ponds. Do not apply where runoff is likely to occur. Do not contaminate water by cleaning of equipment or disposal of waste. Apply this product only as specified on the 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.

**POST TREATED AREA**

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

**FOR ALL EMPTY CONTAINERS**

**DO NOT** re use the container. Completely empty the contents and bury unused chemical at least 18 inches deep in an isolated location away from water supplies. **GLASS CONTAINERS** Break the container and bury the pieces at least 18 inches deep in an 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 an isolated location away from water supplies. Punch holes in top and bottom of cans, crush can, and bury deeply in an isolated location.

**5-GALLON, 30-GALLON and 55-GALLON DRUMS-** Pour the following mixture into empty containers:

**5-GALLON DRUMS-** 2 qts. water, 1/2 cup caustic soda (household lye), 2 tablespoons of detergent.

**30-GALLON DRUMS-** 3 gallons water, 1 lb. caustic soda (household lye), 1/4 cup detergent.

**55-GALLON DRUMS-** 5 gallons water, 2 lb. caustic soda (household lye), 1 cup detergent.

Rotate container until all inner surfaces are thoroughly wet. Bury the rinse solution at least 18 inches deep in an isolated area away from water supplies.

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

**DANGER**

**DANGER:** Poisonous if swallowed, inhaled, or absorbed through skin! Rapidly absorbed through skin.

**POISONING SYMPTOMS:** Headache, blurred vision, weakness, nausea, cramps, diarrhea, discomfort in chest.

**ANTIDOTE:** Atropine is the specific antidote. Obtain emergency supply of Atropine 1/100 grain tablets from your physician. Keep on hand.

**CALL A PHYSICIAN IMMEDIATELY** if persons handling or working with Parathion develop poisoning symptoms.

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

**✦ FIRST AID TREATMENT ✦**

Call a doctor (physician), clinic, or hospital immediately. Explain that the victim has been exposed to Parathion and describe his condition.

If breathing has stopped, start artificial respiration immediately and maintain until doctor sees victim.

**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.

In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. See doctor immediately.

**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.

**NOTE TO PHYSICIAN**

**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.** 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.**

**USE ONLY WHEN WEARING THE FOLLOWING PROTECTIVE EQUIPMENT AND CLOTHING**

(1) Wear water proof pants coat hat rubber boots or rubber overshoes (2) Wear safety goggles (3) Wear mask or respirator approved by the U.S. Bureau of Mines for parathion protection (4) Wear heavy duty natural rubber gloves

**WORK SAFETY RULES**

Keep all unprotected persons and children away from treated area or 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 parathion 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.

**☠ POISON SIGNS (Symptoms)**

Parathion is a very dangerous poison. It rapidly enters the body by contact with all skin surfaces and eyes. Clothing wet with this material must be removed immediately. Exposed persons must receive prompt medical treatment or they may die.

Some of the signs and symptoms of poisoning are: Headache, nausea, vomiting, cramps, weakness, blurred vision, pin point pupils, tightness in chest, labored breathing, nervousness, sweating, watering of eyes, drooling or frothing of mouth and nose, muscle spasms and coma.

**NOTICE OF WARRANTY**

Helena Chemical Company warrants that this material conforms to the chemical description on the label and is reasonably fit for the purposes 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 not include consequential commercial damages such as loss of profit or value, etc.

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EPA Reg. No. 7905-B

NET CONTENTS

U.S. GALLONS



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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

STOP - READ LABEL BEFORE USING

**GENERAL DIRECTIONS**

Thoroughly apply recommended amounts of Milan in 1-3 gallons of water per acre for airplane application, approximately 8 gallons of water per acre for ground equipment

**DIRECTIONS FOR USE**

INSECTS	COTTON	RATE
Aphids, Boll Weevils, Cotton Leaf-worms, Fleahoppers, some species of Spider Mites.		12 acres per gallon of MILAN
Cotton Bollworm and Budworm		3 acres per gallon of MILAN

Consult State Agricultural Experiment Station or State Agricultural Extension Service for recommendations on time and specific dosage rates.

Do not hand pick or harvest within 7 days.

**POISON**  
See Side Panels for Antidote & Precautions



**DANGER**  
Keep Out of Reach of Children



ACCEPTED  
MAY 19 1966  
Under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, this product is registered under Reg. No. 5905-85

# MILAN

## Emulsifiable Insecticide Concentrate

1 gallon of HELENA BRAND MILAN contains 6 lbs of Insecticide	<b>ACTIVE INGREDIENTS</b>	
	O-Ethyl O-p-Nitrophenyl Phenyl phosphonothioate	31.00%
	O-O-Dimethyl O-p-Nitrophenyl Ethyl phosphate	31.00%
	Xylene	38.00%
	<b>INERT INGREDIENTS</b>	5.00%
	<b>TOTAL</b>	100.00%

**NOT FOR HOME USE**

DO NOT RE-USE THIS CONTAINER FOR ANY PURPOSES

METHYL PARATHION MIXTURE LIQUID

**HELENA**  
Manufactured by  
**HELENA CHEMICAL COMPANY**  
Memphis, TN. 38137

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DO NOT SWALLOW

**DANGER - POISON PRECAUTIONS**

**POISONOUS IF SWALLOWED**

**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.



DO NOT TOUCH

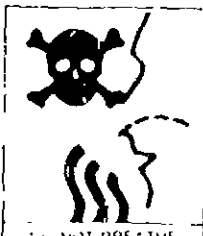
**POISONOUS BY SKIN CONTACT**

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, spray mist or dust may be fatal.

**POISONOUS TO FISH AND WILDLIFE**



DO NOT BREATHE

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 and ponds. Do not apply where runoff is likely to occur. Do not contaminate water by cleaning of equipment or disposal of waste. Apply this product only as specified on the 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.

**DANGER**

**DANGER** - Poisonous if swallowed, inhaled, or absorbed through skin. Rapidly absorbed through skin.

**POISONING SYMPTOMS** - Headache, blurred vision, excessive nausea, cramps, diarrhea, discomfort in chest.

**ANTIDOTE** - Atropine is the specific antidote. Contact your local health department for a supply of 1-100 grain tablets from your physician. Keep on hand.

**CALL A PHYSICIAN IMMEDIATELY** if persons handling or working with Parathion develop poisoning symptoms.

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

**+ FIRST AID TREATMENT +**

If inhaled, get physician or take to hospital immediately. Report that the victim has been exposed to Parathion. Get to fresh air as soon as possible.

If breathing has stopped, start artificial respiration immediately and maintain until doctor arrives.

**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.

In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. See doctor immediately.

**POST TREATED AREA**

Consult your state Agricultural Extension Service for special precautions regarding posting treated areas.

**FOR ALL EMPTY CONTAINERS**

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

**GLASS CONTAINERS** Break the container and bury the pieces at least 18 inches deep in an 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 an isolated local area away from water supplies. Punch holes in top and bottom of cans, crush can, and bury deeply in an isolated location.

**5 GALLON, 30 GALLON and 55 GALLON DRUMS** - Pour the following mixture into empty container:

**5 GALLON DRUMS** - 2 qts. water, 1 cup caustic soda (household lye), 2 tablespoons household detergent.

**30 GALLON DRUMS** - 3 gallons water, 1 lb. caustic soda (household lye), 1 cup detergent.

**55 GALLON DRUMS** - 5 gallons water, 2 lb. caustic soda (household lye), 1 cup detergent.

Rotate container until all inner surfaces are thoroughly wet. Bury the rinse solution at least 18 inches deep in an isolated area away from water supplies.

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

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

Punch holes in TOP of container or 3 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.

**NOTE TO PHYSICIAN**

**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.** Parathion is a strong cholinesterase inhibitor affecting the central and peripheral nervous systems and producing cardiac and respiratory depression. At first signs 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.**

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#### WORK SAFETY RULES

Keep all unprotected persons and children away from treated area or 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 parathion 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.

#### ★ POISON SIGNS (Symptoms)

Parathion is a very dangerous poison. It rapidly enters the body by contact with all skin surfaces and eyes. Clothing wet with this material must be removed immediately. Exposed persons must receive prompt medical treatment or they may die.

Some of the signs and symptoms of poisoning are: Headache, nausea, vomiting, cramps, weakness, blurred vision, pin point pupils, tightness in chest, labored breathing, nervousness, sweating, watering of eyes, drooling or frothing of mouth and nose, muscle spasms and coma.

#### NOTICE OF WARRANTY

Helena Chemical Company warrants that this material conforms to the chemical description on the label and is reasonably fit for the purposes 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 not include consequential or incidental damages such as loss of profit or value, etc.

NET CONTENTS  
U.S. GALLONS

NET CONTENTS

U.S. GALLONS





DES:

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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

STOP READ LABEL BEFORE USING

## POISON

See Side Panels  
for Antidote &  
Precautions



## DANGER

Keep Out of  
Reach of  
Children



# MILAN

## Emulsifiable Insecticide Concentrate

### ACTIVE INGREDIENTS

1 gallon of  
HELENA BRAND MILAN  
contains 6 lbs. of  
Insecticide

O Ethyl O p Nitrophenyl Phenyl phosphonothioate	31.00%
O O Dimethyl O p Nitrophenyl Thiophosphate	31.00%
Xylene	33.00%
INERT INGREDIENTS	5.00%
TOTAL	100.00%

DO NOT RE-USE THIS CONTAINER FOR ANY PURPOSE

81773

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

### GENERAL DIRECTIONS

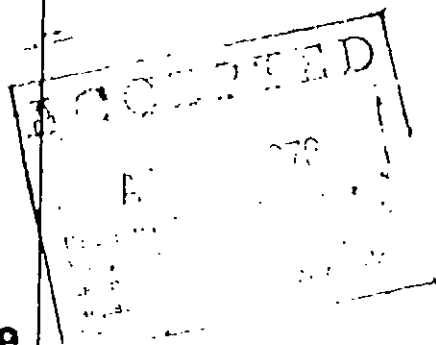
Thoroughly apply recommended amounts of Milan in 1.3 gallons of water per acre for airplane application approximately 8 gallons of water per acre for ground equipment

### DIRECTIONS FOR USE

INSECTS	COTTON	RATE
Aphids, Boll Weevils, Cotton Leaf-worm, Fleahoppers, some species of Spider Mites		11 acres per gallon of MILAN
Cotton Bollworm and Budworm		3 acres per gallon of MILAN

Consult State Agricultural Experiment Station or State Agricultural Extension Service for recommendations on time and specific dosage rates.

Do not hand pick or harvest within 7 days. Workers entering fields within 24 hours after application should wear protective clothing.



NOT FOR HOME USE