

(Stauffer Shield)

REGISTERED  
TRADE MARK

TRITHION® 8-E

77223

Emulsifiable Liquid  
Insecticide-Acaricide

ACTIVE INGREDIENTS:

Carbophenothion: S-[(p-chlorophenylthio) methyl]	78.0%
O,O-diethyl phosphorodithioate . . . . .	3.2%
Xylene Range Aromatic Hydrocarbon Solvent . . . . .	

476-1633

<u>INERT INGREDIENTS:</u> . . . . .	18.8%
	<u>100.0%</u>

Contains Eight Pounds TRITHION Per Gallon

KEEP OUT OF REACH OF CHILDREN

P O I S O N - D A N G E R

STATEMENT OF PRACTICAL TREATMENT

Poison Symptoms: Trithion 8-E is a highly toxic cholinesterase inhibitor. Symptoms include; headache, blurred vision, weakness, nausea, discomfort in the chest, abdominal cramps, vomiting, diarrhea, salivation, sweating and pinpoint pupils.

Always call a physician in case of suspected poisoning. ATROPINE by injection is antidotal.

First Aid: If the patient has stopped breathing, immediately remove from contaminated area, then start artificial respiration, preferably by mechanical means. If swallowed, immediately dilute the swallowed material by giving large quantities of water and induce vomiting by gagging the victim with a finger placed on the back of the victim's tongue. Give fluids until vomitus is clear. Never give anything by mouth to an unconscious or convulsing person. Call a physician or the nearest Poison Control Center. For eye contact, flush eyes with large amounts of running water for at least 15 minutes. Hold eyelids apart to ensure rinsing of the entire surface of the eyes. Get medical attention if irritation persists. For skin contact, remove contaminated clothing and immediately wash skin thoroughly for 15 minutes with soap and water. Avoid abraiding the skin. If inhaled, remove to fresh air. Get medical attention if respiratory irritation occurs.

Information for Physicians: Initial measures include removal of secretions, maintenance of a patent airway and, if necessary, artificial respiration. When cyanosis is relieved, atropine may be administered in large therapeutic doses, repeated as necessary to the point of tolerance. If symptoms warrant further treatment, Pralidoxime Chloride (Protopam Chloride, 2-PAM Chloride) has shown utility as adjunctive therapy. Never use morphine. Continued absorption of the poison may occur resulting in a fatal relapse after initial improvement: Very close supervision of the patient is indicated for at least 48 to 72 hours.

TRITHION® 8-E

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SEE SIDE PANEL FOR FURTHER PRECAUTIONARY DIRECTIONS

EPA Reg. No. 476-1633  
EPA Est. No. 476-

Net Contents \_\_\_\_\_ Gals.  
RS-821229

This product is sold only for uses stated on its label. No express or implied license is granted to use or sell this product under any patent in any country except as specified:  
Country: United States of America

Made in U.S.A. by  
STAUFFER CHEMICAL COMPANY  
WESTPORT, CT 06881-0850

For additional information, call collect, day or night:

(203) 226-6602  
Stauffer Chemical Company  
or,  
(800) 226-6602  
Pesticide Team Safety Network

IN CASE OF SPILL OR LEAK

ISOLATE the spill.

HOLD this package, other cargo & vehicles involved.  
IMMEDIATELY TELEPHONE (24-hour service) for emergency  
assistance: (800) 424-9300

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

P O I S O N - D A N G E R

MAY BE FATAL IF SWALLOWED OR ABSORBED THROUGH SKIN. Do not get in eyes, on skin or clothing. For commercial application, wear rubber gloves, protective clothing, rubber overshoes and goggles. Wash hands, arms and face thoroughly with soap and water before eating or smoking. Wash contaminated clothing with soap and hot water before re-use.

ENVIRONMENTAL HAZARDS: This product is toxic to fish and wildlife. Shrimp and crab may be killed at application rates recommended on this label. Birds feeding on treated area may be killed. Do not apply when weather conditions favor drift from areas treated. Do not apply where runoff is likely to occur. Do not apply directly to water. Do not contaminate water by cleaning of equipment, or disposal of wastes.

- . This product is toxic to bees and should not be applied when bees are actively visiting the area.

USE PRECAUTIONS

- . Read all precautions and directions for use before using.
- . In order that pesticide residues on food and forage crops will not exceed tolerances established by the Environmental Protection Agency, use only at recommended rates and intervals, and do not apply closer to harvest than specified.
- . Do not apply or allow to drift to areas occupied by unprotected humans or beneficial animals or onto adjoining food, fiber or pasture crops.

- The grower is responsible for residues on his crops as well as for damages caused by drift from his property to that of others.
- Consult State Agricultural Experiment Station or State Agricultural Extension Service for additional information as the timing and number of applications will vary with local conditions.
- Do not apply oil sprays to trees where soil moisture is low or has recently been low.
- Do not apply oil sprays when temperatures are in excess of 90° F, or in periods of low humidity caused by dry winds.
- Do not combine oil sprays with sulfur sprays or apply within 30 days following a sulfur spray.

#### DIRECTIONS FOR USE

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

Application can be made by aircraft or ground power equipment using dilute or concentrate sprays. Only trained personnel using approved protective equipment should make applications. Do not apply with hand equipment. Pour specified amount of this product into nearly filled spray tank. Add balance of water to fill tank. Keep agitator running during filling and spraying operations. Do not allow mixture to stand. If mixture does not mix readily, but tends to separate as an oily layer, do not use as injury to plants may result. Do not combine with emulsifiable liquids or wettable powders unless previous use of the mixture has proven physically compatible and safe to plants.

#### RECOMMENDATIONS

##### VEGETABLE, FIELD AND VINE CROPS

Pesticide rates are given as pints TRITHION 8-E per acre. Unless otherwise specified below, apply the recommended dosage in sufficient water to provide thorough coverage according to spray equipment manufacturers' directions.

In California, observe the following minimum water rate schedule:

<u>Crop</u>	<u>Gal. Water Per Acre</u>	
	<u>Aircraft</u>	<u>Ground</u>
Vegetable and Field Crops	5	20
Small Fruits	7	20

ALFALFA (FRESH FORAGE AND HAY), CLOVER: Pea aphid, potato leafhopper, spotted alfalfa aphid, two-spotted mite -- apply 1/2 to 1 pint. Meadow spittlebug -- apply 1 pint. Do not apply more than one application per cutting. Do not graze or cut for hay within 28 days after application.

BEANS, LIMA: Bean aphid, Mexican bean beetle, potato leafhopper, serpentine leaf miner, two-spotted mite -- apply 1/2 to 3/4 pint. Do not apply within 7 days of harvest. Do not feed treated forage to livestock.

BEANS, SNAP: Bean aphid, Mexican bean beetle, potato leafhopper, serpentine leaf miner, two-spotted mite -- apply 1/2 pint. Do not apply within 7 days of harvest. Do not make more than two applications per season. Do not graze or cut for hay within 21 days after application.

BEANS, DRY: Bean aphid, Mexican bean beetle, potato leafhopper, serpentine leaf miner, two-spotted mite -- apply 1/2 pint per acre. Do not make more than two applications per season. Do not graze, cut for forage or harvest beans within 21 days following the last application.

BEANS, GARDEN: Bean aphid, potato flea beetle, serpentine leaf miner, two-spotted mites -- use 1/4 to 1/2 pint. Do not apply within 21 days of harvest if tops are to be used as feed or food.

CANTALOUPE, WATERMELONS: Melon aphid, potato flea beetle, serpentine leaf miner, two-spotted mites -- use 1/2 to 1 pint. Do not apply within 5 days of harvest.

CORN (FIELD AND SWEET): Corn rootworm beetle, grass mite, Pacific mite, two-spotted mite -- apply 1 pint. Do not make more than one application per season. Do not graze or cut for forage within 21 days after application.

COTTON:

Early Season:

Carmine (cinnabar) mite, two-spotted mite, tropical mite -- use 1/4 to 1/2 pint.

Mid and Late Season:

Use 3/8 to 1/2 pint. If mite populations are high. Use 1/2 to 3/4 pint and repeat in 5 to 10 days.

Cotton leafworm -- use 1/4 to 1/2 pint.

Cotton aphid, leaf perforator, fleahopper -- use 1 pint per acre.

Treated plants should not be grazed or fed to livestock.

CUCUMBERS, SUMMER SQUASH: Melon aphid, potato leafhoppers, serpentine leaf miner, two-spotted mites -- use 1/2 to 1 pint. Do not apply within 7 days of harvest.

EGGPLANT, PEPPER, PIMENTO: Mites (tropical, two-spotted), potato flea beetle, potato leafhopper, serpentine leaf miner -- use 1/2 to 1 pint. Do not apply within 7 days of harvest.

GRAPES: Grape leafhopper, two-spotted mites -- use 1/2 pint. Do not apply within 30 days of harvest. Do not apply to sensitive varieties such as charbono, gamay, golden muscat, muscat and italia.

ONION: From seeds, sets or transplants (for dry bulb or green) -- onion maggot control -- furrow treatment. Muck soils: 1-1/2 to 2 pints per acre. Mineral soil: 1 to 1-1/2 pints per acre. Apply at time of seeding or transplanting by spraying in the planting furrow. Mix in 100 gallons of water and apply 3 gallons of mixture per 1,000 ft. of furrow. Keep the mixture agitated.

PEAS: Pea aphid, serpentine leaf miner, two-spotted mites -- use 1/2 to 3/4 pint. Do not apply within 7 days of harvest. Do not feed treated forage to livestock.

SEED CROPS: (Alfalfa, clover, corn, sorghum, cucurbits, melons, sugarbeets and vegetable crops listed on this label) Aphids (bean, pea, spotted alfalfa), mites (brown wheat, two-spotted), serpentine leaf miner -- use 1/2 to 1 pint. Do not graze or feed crop residue to livestock. Sugar beet seed crops can be treated up to 14 days before harvest and crop residue can be fed to livestock.

SORGHUM: Green bug, pea aphid, sorghum midge, two-spotted mites, oligonychus mite species -- 1/2 pint. Limit applications to two per season. Do not graze or cut for forage within 21 days. Under certain climatic conditions and on some varieties of grain sorghum, organophosphorous chemicals may cause a slight discoloration to the leaves.

SOYBEANS: Bean aphid, green cloverworm, green stinkbug, Mexican bean beetle, potato leafhopper, serpentine leaf miner, two-spotted mites. Apply 1/2 to 3/4 pint (use 3/4 pint for stinkbug). Do not apply within 7 days of harvest. Do not feed treated forage to livestock.

SPINACH: Bean aphid, serpentine leaf miner, two-spotted mites -- use 1/4 to 1/2 pint. Do not apply within 21 days of harvest.

STRAWBERRY: Strawberry aphid, two-spotted mites -- use 1/2 pint. Do not apply within 3 days of harvest.

SUGARBEETS: Bean aphid, potato flea beetle, serpentine leaf miner, two-spotted mites - use 1/2 to 1 pint. Do not apply within 14 days of harvest.

TOMATO: Mites (tomato russet, tropical, two-spotted), potato flea beetle, potato leafhopper, potato psylla, serpentine leaf miner -- use 1/2 to 1 pint. Do not apply within 7 days of harvest.

#### FRUIT AND NUT CROPS

Unless otherwise specified, pesticide dosage rates are given as pints TRITHION 8-E (and gallons spray oil where shown) per 100 gallons water for use in a thorough coverage spray. When used, concentrate and semi-concentrate sprays should be applied in sufficient water for thorough coverage according to equipment manufacturers' directions.

The maximum permissible pesticide rate per acre, expressed as TRITHION 8-E, is given in parenthesis, ( ), after each crop claim and must not be exceeded whether using dilute or concentrate sprays. Apply a minimum of 1 pint TRITHION 8-E per acre.

In California, observe the following minimum water rate schedule:

<u>Crop</u>	<u>Gal. Water Per Acre</u>	
	<u>Aircraft</u>	<u>Ground</u>
Orchard (Mature Trees)	10	40
Citrus	10	100

ALMONDS (CALIFORNIA ONLY): Pre-Bloom or Petal-Fall: Mites, twig borer -- apply 1/2 pint.

Summer: Mites (clover (brown almond), European red, two-spotted) -- use 1/4 pint plus up to 2 gallons spray oil. If almond hulls are to be used for feed, do not apply within 7 days of harvest or make more than 1 application per season. Multiple applications in accordance with local programs may be made if hulls are not to be used for feed. (2-1/2 pints)

Dormant: Overwintering mite and aphid eggs, scales (European fruit lecanium, olive (parlatoria), San Jose) -- use 1/4 to 1/2 pint plus 1 to 2 gallons spray oil.

APPLES, CRABAPPLE, PEAR, QUINCE:

Summer: Aphids (apple, rosy apple, woolly apple), codling moth, leathoppers, mites (clover (brown almond), European red, two-spotted) -- use 1/4 pint. Apply only after full leaf expansion. Do not apply within 30 days of harvest. (1-1/4 pints)

Dormant or Delayed Dormant: Overwintering aphid and mite eggs, pear psylla, scales (forbes, oystershell, putnam, San Jose, scurfy) -- use 1/4 to 1/2 pint plus 1 to 2 gallons spray oil with thorough coverage.

APRICOT:

Summer: Codling moth, mites (clover (brown almond), European red, two-spotted) -- use 1/4 pint. Do not apply within 30 days of harvest. (2 pints)

Dormant: Overwintering mite eggs, scales (European fruit lecanium, San Jose, soft brown) -- use 1/4 to 1/2 pint plus 1 to 2 gallons spray oil.

CHERRY:

Summer: Mites (cherry rust, clover (brown almond), European red, two-spotted) -- use 1/4 pint. Do not apply within 30 days of harvest. (2 pints)

Dormant: Overwintering aphid and mite eggs, scales (European fruit lecanium, forbes, olive (parlatoria), San Jose) -- use 1/4 to 1/2 pint plus 1 to 2 gallons spray oil.

CITRUS:

Mites (citrus red (purple), citrus rust, six-spotted, Texas citrus, yuma). Apply 1/4 to 3/8 pint per 100 gallons water. If 1/4 pint is used, application may be made up to day of harvest (2-1/2 pints). If 3/8 pint is used, do not apply within 14 days of harvest (3-3/4 pints). If more than one application is made, do not re-apply within 30 days of the previous application.

Scales (Florida only): snow scale -- use 3/8 pint TRITHION 8-E per 100 gallons water. do not apply within 30 days of harvest. (5 pints) TRITHION 8-E is compatible with oil and may be used in the regular summer oil spray program (FC 435-66 in summer; FC 412-66 in fall). (5 pints).



Scales: California red, citricola, cottony cushion, Florida red, purple, brown soft, yellow -- 1/2 pint plus 1 to 2 gallons spray oil. Do not apply within 30 days of harvest (5 pints).

TRITHION 8-E may cause off-colored spots on grapefruit in Texas if applied after July 1 and before fruit is fully colored or in summer or fall before fruit is fully colored in other areas. TRITHION 8-E may injure grapefruit in Florida if combined with oil in the summer or if applied alone in the fall before the fruit is fully colored. Do not apply to kumquat or citron.

FIGS: Two-spotted mites -- use 1/4 to 1/2 pint. Do not apply within 7 days of harvest. (2-1/2 pints)

OLIVE: scales (black, oleander, olive (parlatoria), San Jose) -- apply 1/4 to 1/2 pint plus 1 to 2 gallons of spray oil. Do not apply within 60 days of harvest. (9 pints)

PEACH, NECTARINE:

Summer: Mites (clover (brown almond), European red, two-spotted) -- use 1/4 pint. Do not apply within 30 days of harvest. (2 pints)

Dormant: Scales: (European fruit lecanium, olive (parlatoria), San Jose) -- use 1/4 to 1/2 pint plus 1 to 2 gallons spray oil. Overwintering mite eggs (California only) -- use 1/2 pint.

PECAN: Two-spotted mites -- use 1/4 pint. Do not apply after husks open. Do not graze livestock on cover crops grown in treated pecan groves. (2-1/2 pints)

PLUM, PRUNE:

Summer: Leaf curl, plum aphid, leafhoppers, mites (clover (brown almond), European red, two-spotted) -- use 1/4 pint. Do not apply within 30 days of harvest. (2 pints)

Dormant: Overwintering aphid and mite eggs, scales (European fruit lecanium, olive (parlatoria), San Jose) -- use 1/4 to 1/2 pint plus 1 to 2 gallons spray oil.

WALNUT:

Summer: Codling moth, European red mite, two-spotted mites, walnut aphid, and for suppression of European fruit lecanium -- use 1 to 2 pints per acre in sufficient water for coverage. Best results for scale insect suppression are obtained if application is made after eggs have hatched. Do not apply after husks open. Do not graze livestock on cover crops grown in treated walnut groves.

Dormant: Walnut aphid, overwintering mite eggs, scales (calico, European fruit lecanium, frosted) -- use 1 to 2 pints plus 2 gallons spray oil per acre in sufficient water for coverage. Do not apply more than 2 gallons of oil per acre.

POST-HARVEST APPLICATION TO DECIDUOUS FRUIT AND NUT CROPS:

To decrease overwintering populations of aphids, leafhopper, spider mites -- use 1/4 to 1/2 pint. For control of aphid and mite eggs, scales (European fruit lecanium, San Jose) -- 1/4 to 1/2 pint plus 1 to 2 gallons spray oil. Cover crops should not be grazed or fed to livestock.

NON-FOOD CROPS: (FOR USE BY COMMERCIAL APPLICATORS ONLY)

FOREST AND CHRISTMAS TREE PLANTINGS: European pine shoot moth -- apply 3/4 to 1 pint in 5 to 50 gallons of water per acre. Repeat application if necessary.

LAWNS, TURF: Chinch bugs, bermuda mite, rhodes grass scale, and thrips on bermudagrass -- wet lawn thoroughly then apply 5/6 pint of TRITHION 8-E in 100 to 150 gallons of water to 5,000 sq. ft. of lawn area. Do not permit children or domestic animals on lawns until treated area is completely dry.

ORNAMENTALS: Arbor-Vitae, Althaea (Hollyhock), Amaryllis antirrhinum (Snapdragon), Araucaria (Norfolk Island Pine), asparagus fern, Begonia (both fibrous and tuberous rooted), Bignonia (Trumpet-Flower), boxwood, cacti, Callistephus (China Aster), Calluna (Heather), Calonyction (Moonflower), Camellia, carnation, cedar, Chrysanthemum, Cineraria, Citrus, croton, Coleus, cosmos, Cotoneaster, Crataegus (Hawthorn), Cycas (Sago-Palm), Dahlia, Delphinium, Eucalyptus, Euonymus, Euphorbia pulcherrima (Poinsettia), Fagus (Beech), Ficus elastica (Rubber-plant), ferns, firs, Fuchsia, gardenia, guava, Hedera helix (Ivy), hemlock, Hydrangea, Ilex (Holly), jasmine, juniper, lantana, lathyrus (Sweet Pea), ligustrum (privet), Lilium (Lily), Magnolia, Myrtus (Myrtle), Nerium (oleander), orchids, palms, Phlox, pine, Pittosporum, sycamore, poplar, Primula (Primrose), Prunus (Almonds, Peaches, Cherries, Plums), Pyracantha (Firethorn), Rhododendron (Azalea), Ribes (Flowering Currant), Robinia (Black Locust), Saintpaulia (African Violet), Sorbus (mountain ash), Strelitzia (Bird of Paradise), Syringa (Lilac), Tilia (Linden), Tropaeolum (Nasturtium), Ulmus (Elm), Violas (Violets), pansies.

For Control Of: aphids (Monterey pine, rose, black bean, pine bark, apple, rosy apple, woolly apple, oleander), mealybugs (citrus, Mexican, long-tailed, citrophilus), spider mites (two-spotted, spruce, citrus red (Florida purple), citrus rust, six-spotted, Texas citrus, yuma), scale insects (black, hemispherical, latania, greedy, California red, soft, Utah cedar, citricola, cottony cushion; yellow, olive parlatoria, oyster shell, San Jose, European fruit lecanium, Putnam tea, ivy, Boissduval's, Forbes), bagworms, potato leafhopper -- use 3/4 to 1 pint per 100 gallons of water.

CAUTION: Tolerance of most plants to TRITHION 8-E appears to be excellent. A few ornamentals including some crassulaceae, certain ferns, and a few very sensitive greenhouse rose varieties have been injured. Where sensitivity is questionable, TRITHION 8-E should be tested on a few plants. Use with caution on tender plants.

#### STORAGE AND DISPOSAL

STORAGE: Protect from temperatures below 0° F. Liquid phases may separate at lower temperatures. Warm or store at higher temperatures and mix thoroughly to recombine liquid phases and assure uniformity before use.

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

PESTICIDE DISPOSAL: Rinse spray equipment. Pesticide, spray mixture or rinsate that cannot be used according to label instructions must be disposed of according to Federal, state or local procedures under the Resource Conservation and Recovery Act.

CONTAINER DISPOSAL: Triple rinse (or equivalent) and offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill or by other approved state and local procedures.

#### NOTICE - READ CAREFULLY

CONDITIONS OF SALE: Stauffer (and seller) offer(s) this product for sale subject to, and buyer and all users are deemed to have accepted, the following conditions of sale and warranty which may only be varied by written agreement of a duly authorized representative of Stauffer.

WARRANTY LIMITATION: Stauffer warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the directions for use on the label subject to the inherent risks referred to below. Stauffer makes no other express warranties: THERE IS NO IMPLIED WARRANTY OF MERCHANTABILITY and there are no warranties which extend beyond the description on the label hereof.

INHERENT RISKS: The directions for use of this product are believed to be reliable and should be followed carefully. However, it is impossible to eliminate all risks associated with use. Buyer assumes all risks associated with use or application of this product contrary to label instruction or resulting from extraordinary weather conditions.

LIMITATION OF LIABILITY: In no case shall Stauffer be liable for special, indirect or consequential damages resulting from the use or handling of this product and no claim of any kind shall be greater in amount than the purchase price of the product in respect of which such damages are claimed.

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Stauffer Chemical Co.  
1200 S. 47th Street  
Richmond, CA 94604

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Gentlemen:

Subject: Prithion 3-E  
EPA Registration No. 476-1033  
Your letter dated January 29, 1983

The amendment referred to above, submitted in connection with registration under the FIFRA sec. 3(c)(7)(A), is acceptable, provided that you:

1. Make the labeling changes listed below before you release the product for shipment bearing the amended labeling:

- a. The physical and chemical hazards wording followed by "do not use or store near heat or open flame," must appear on the labeling.
- b. The skull and crossbones must appear in red on a contrasting background.

2. Submit five (5) copies of your final printed labeling before you release the product for shipment.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product bearing the amended labeling constitutes acceptance of these conditions.

A stamped copy is enclosed for your records.

Sincerely yours,

William H. Miller  
Product Manager (16)  
Insecticide-Rodenticide Branch  
Registration Division (TS-107)

Enclosures

IRB:HILLER:DCR-29617:WANG-3161C:pjb:Raven:479-2013:3/13/83

CONCURRENCES							
SYMBOL ▶							
SURNAME ▶							
DATE ▶							