

# ACARITOUCH<sup>®</sup>

**A novel contact miticide for the suppression and control of tetranychid mites and other mites on fruits, vegetables and ornamental plants**

ACTIVE INGREDIENT:	
Propyleneglycol monolaurate.....	70.81%
OTHER INGREDIENTS.....	29.19%
TOTAL:	100.00%

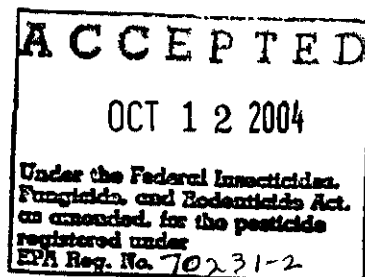
**KEEP OUT OF REACH OF CHILDREN  
CAUTION**

See First Aid Statements on Back Panel

Net Contents:

Manufactured by:  
TOAGOSEI CO., LTD  
1-14-1, Nishi Shimbashi  
Minato-Ku, Tokyo 105-8419  
Japan

EPA Reg. No.: 70231-E  
EPA Establishment No.70231-JP-1  
U.S. Patent No. 6,294,578.



**PRECAUTIONARY STATEMENTS**  
**HAZARD TO HUMANS AND DOMESTIC ANIMALS**

**CAUTION.** Harmful if swallowed, absorbed through skin or inhaled. Causes moderate eye irritation. Avoid contact with skin, eyes or clothing. Avoid breathing spray mist. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse

<b>FIRST AID</b>	
<b>If swallowed</b>	<ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to do so by the poison control center or doctor.</li> <li>• Do not give anything to an unconscious person.</li> </ul>
<b>If in eyes</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If on skin or clothing</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If inhaled</b>	<ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.</li> <li>• Call a poison control center or doctor for further treatment advice.</li> </ul>
<p>Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact the National Pesticide Information Center at 1-800-858-7378 for emergency medical advice.</p>	

**PERSONAL PROTECTIVE EQUIPMENT**

Applicators and other handlers who may be exposed to the dilution through application or other tasks must wear long-sleeved shirt and long pants, waterproof gloves and shoes plus socks. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with the product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instruction for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

**USER SAFETY RECOMMENDATIONS**

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

**ENVIRONMENTAL HAZARDS**

This product is highly toxic to aquatic invertebrates, toxic to fish and aquatic plants. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water by cleaning of equipment, washwaters or rinsate. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

**PHYSICAL OR CHEMICAL HAZARD**

**Combustible.** Do not 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. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

**AGRICULTURAL USE REQUIREMENTS**

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides.. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), notification to workers, and restricted-entry intervals. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 4 hours or until sprays have dried, whichever is longer.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated such as plants, soil or water is:

- Long-sleeved shirt and long pants
- Waterproof gloves
- Shoes plus socks

**GENERAL INFORMATION**

ACARITOUCH is a novel miticide for the suppression and control of tetranychid and other phytophagous mites including Two-spotted spider mites, Pacific spider mites, Citrus red mites, Strawberry spider mite, Brown almond mite and European red mite. ACARITOUCH is a miticide with a non-toxic mode of action blocking the spiracles and de-waxing the cuticle causing death by suffocation and desiccation. This product may be used alone, tank-mixed with or in rotation with other miticides. ACARITOUCH is intended for use in an integrated pest management (IPM) program to control mites.

READ ALL DIRECTIONS FOR USE BEFORE APPLYING THIS PRODUCT

**COMPATIBILITY**

ACARITOUCH has been found to be compatible with most commonly used pesticides and

fertilizers. However, a compatibility test is recommended before using this product in a tank mix with other products. To test for compatibility mix a small amount of each product, in the recommended proportion, in a small jar to ensure that the mixture will be suitable.

ACARITOUCH has been evaluated for phytotoxicity on a variety of trees and plants under normal field conditions. However, since testing on all varieties of all trees and field crops is not feasible, testing a small portion of the area to be treated for phytotoxicity is recommended prior to treating the entire area. Further, all possible combinations or sequences of pesticide sprays, including fertilizers, adjuvants and other pesticides have not been tested, thus testing for phytotoxicity of spray mixtures is also recommended.

**MIXING**

Fill spray tank with half the recommended water, add ACARITOUCH. Agitate the mixture thoroughly and then fill the tank with the remaining water. Thorough mixing is necessary for uniform coverage. For tank mixes, add the other products to the tank mix according the directions for use on those product labels. Typically, the least soluble products will be added first followed by the most soluble products. Agitate mixture thoroughly and use immediately. Use within 24 hours.

**Do not apply this product through any type of irrigation system.**

**APPLICATION INSTRUCTIONS**

Apply ACARITOUCH as soon as mites are identified on the plants, or when environmental conditions favor mite outbreaks. Thorough spray coverage of foliage and fruit/vegetables and complete coverage of mites is necessary to achieve the maximum level of control.

At first sign of mite infestation, apply ACARITOUCH in sufficient water to thoroughly cover plant with spray. Make two applications 7 days apart to suppress and control mites present on the plants and those newly emerged. If temperatures are such that mite egg hatch is accelerated, make the inter-treatment interval 3-5 days. When applied in rotation with other miticides, apply ACARITOUCH up to 8 times during the season. Apply ACARITOUCH up to the day before harvest.

**APPLICATION RATES**

Mix 12 to 25 ounces of ACARITOUCH per 100 gallons of water. Apply sufficient spray volume to ensure thorough coverage of crop. In general, adequate coverage requires a minimum of 50 gallons of total spray volume per acre depending on the crop. For additional information on crop coverage and sprayer settings, contact your local ACARITOUCH representative.

**CROPS**

**Cucurbits.** Such as Acorn Squash, Butternut Squash, Cantaloupe, Casaba Melon, Crenshaw Melon, Crookneck Squash, Cucumbers, Gherkin, Honeydew Melon, Pumpkin, Scallop Squash, Watermelon, and Zucchini.

**Pome Fruits.** Such as Apples, Pears, and Quince

**Stone Fruits.** Such as Apricots, Cherries, Nectarines, Peaches, and Plums

**Grapes** (wine, fresh market, raisin)

**Nut Crops.** Such as Almonds, Walnuts, and Pistachios,

**Hops**

**Small Fruits and Berries.** Such as Blackberry, Blueberry, Currant, Loganberry, Raspberry, and Strawberry

**Fruiting Vegetables.** Such as Eggplant, Peppers, and Tomatoes

**Tuberous and Corm Vegetables.** Such as Potatoes, Artichokes, Sweet Potatoes, and Yams.

**Cereal Grains.** Such as Corn, Millet, Popcorn, and Sorghum.

**Citrus.** Such as Grapefruit, Lemon, Lime, and Oranges

**Cotton.**

**Ornamentals – Field and Greenhouse.** Such as bare root, container, bedding, and flowering stock, field grown cut flowers, vegetable transplants, nursery and landscape, potted flowering, shade and flowering trees, and woody ornamentals

**STORAGE AND DISPOSAL**

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

**Pesticide Storage:** Store in a cool, dry area until used. Store in original container only.

**Pesticide Disposal:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

**Container Disposal:** Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by State and local

authorities, by burning. If burned, stay out of smoke.

### WARRANTY STATEMENT

TOAGDSEI warrants that this product conforms to the description on this label and is reasonably fit for the purposes stated on this label when used in accordance with the directions on this label under normal conditions of use.

TOAGDSEI MAKES NO WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

If this product is defective, buyer's exclusive remedy shall be the replacement of the product, or if replacement is impractical, refund of the purchase price. To the fullest extent permitted by law TOAGDSEI shall not be liable for incidental, consequential or special damages resulting from handling, storage or use of this product.