BACKGROUND:

Wear goggles or face shield. Wash thoroughly with soap and water after repeated skin contact may cause allergic reactions in some individuals. or clothing. This product is a skin sensitizer. Prolonged or frequently inhaled. Avoid breathing dust or spray mist. Avoid contact with eyes, skin wash PPE separately from other laundry. Follow manufacturer’s instructions for cleaning/maintaining PPE. If no respirator (MSHA/NIOSH approval number prefix TC-21C)

ENGINEERING CONTROL SYSTEMS

Applicators MUST be in enclosed cabs or cockpits. Except as stated below, workers must be provided all PPE specified above for all "applicators and other handlers" and have such PPE immediately available for use in an emergency, such as a spill or equipment break-down.

IMPORTANT: When reduced PPE is worn because a closed system

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 part 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) 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 12 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard to contact with anything that has been treated, such as plants, soil or water, is:
- Coversalls
- Waterproof gloves
- Shoes plus socks

ENVIRONMENTAL HAZARDS

This product is toxic to fish. For terrestrial uses, do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. For non-terrestrial uses by burning or exposure to the weather or soil conditions, presence of other materials, disease, pests, drift to other crops or property or failure to follow label directions will be assumed by the Buyer or User. IN NO CASE WILL ROHM AND HAAS OR SELLER BE HELD LIABLE FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE HANDLING, STORAGE OR USE OF THIS PRODUCT.

CONDITIONS OF SALE AND WARRANTY

Rohm and Haas warrants that the product conforms to its chemical description and is reasonably fit for the purpose stated on the label only when used in accordance with label directions under normal conditions of use. ROHM AND HAAS MAKES NO OTHER EXPRESS OR IMPLIED WAR- RANTIES EITHER OF MERCHANTABILITY OR FITNESS FOR A PAR- TICULAR USE. Handling, storage and use of the product by Buyer or User are beyond the control of Rohm and Haas and Seller. Risks such as crop injury, ineffectiveness or other unintended consequences resulting from, but not limited to, weather or soil conditions, presence of other materials, disease, pests, drift to other crops or property or failure to follow label directions will be assumed by the Buyer or User. IN NO CASE WILL ROHM AND HAAS OR SELLER BE HELD LIABLE FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE HANDLING, STORAGE OR USE OF THIS PRODUCT.

CHEMIGATION

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

GENERAL USE INFORMATION

KELTHANE T/O WSP Miticide is a specific contact miticide recommended for use on trees, shrubs, foliage plants, listed fruit bearing trees and flowers in outdoor plantscapes, nurseries and greenhouses. KELTHANE T/O WSP is a water-soluble powder formulation that gives high initial kill against most species of agricultural mites. KELTHANE T/O WSP is a specific miticide and will not kill bees or other beneficial insects when used as recommended. KELTHANE T/O WSP Miticide is supplied in individual water-soluble pouches containing four ounces of water-soluble powder.

KELTHANE T/O WSP is a contact miticide, not a systemic pesticide. Mites must come in contact with KELTHANE T/O WSP as it is sprayed or be exposed to KELTHANE T/O residues on the plant surface. Since mites often infest the undersurfaces of leaves, effective control requires an application that is thorough and uniformly coats all aerial plant surfaces. For maximum effec-iveness, KELTHANE T/O WSP Miticide should be applied to low mite populations.
APPLICATION INFORMATION

HANDLING- The enclosed pouches of KELTHANE T/O WSP Miticide are water-soluble. Do not allow pouches to become wet prior to adding to the spray tank. Do not handle the pouches with wet hands or wet gloves. Always reseal overwrap bag to protect remaining unused pouches. Do not remove water-soluble pouches from overwrap except to add directly to the spray tank.

MIXING- Always place KELTHANE T/O WSP Miticide into solution prior to adding co-applied materials to the spray tank. Add the required number of unopened pouches as determined by the dosage recommendations into the spray tank with agitation. Maintain agitation throughout the mixing and spraying process to ensure uniform mixing. Depending on the water temperature and the degree of agitation, the pouches should dissolve completely within approximately five minutes from the time they are added to the water.

COMPATIBILITY- KELTHANE T/O WSP Miticide is compatible with most commonly used insecticides and fungicides. However, compatibility with all products, formulations and additives available cannot be guaranteed. A compatibility agent such as LATRON AG 44-M® may be compatible with some nutriminals, fertilizers, etc. Maintain agitation in the spray tank during mixing (loading) and application. Consult State Agricultural Experiment Station spray schedules or State Extension Service Specialists for additional information.

NOTE: KELTHANE T/O WSP Miticide is compatible with boron and spray oils; however, the water-soluble pouches must be completely dissolved before adding spray oils or products containing boron to spray mixtures.

WATER pH- Do not put KELTHANE T/O WSP Miticide in alkaline solutions or mix with lime or lime-containing products. Adjust the pH of the diluent (spray water) to the slightly acidic range (pH 5 to 7) with a pH modifier such as LATRON AG 44-M spray adjuvant after adding KELTHANE T/O WSP to the tank.

ADJUVANTS- KELTHANE T/O WSP Miticide may be used either with or without any additional adjuvants. Addition of a spreader-sticker can at times be beneficial in improving spray coverage on difficult to wet foliage. KELTHANE T/O WSP Miticide should only be combined with a spreader-sticker that has been proven safe to turfgrass and ornamental species.

The following spray adjuvants have been especially formulated to optimize the performance of foliar-applied turf and ornamental pesticides:

- LA TRON AG -44M spray adjuvant
- A spreader-binder designed specifically for use in concentrate and low volume spray equipment.
- Other suitable pesticide spreader-stickers may also be used in combination with KELTHANE T/O WSP Miticide.

APPLICATION INSTRUCTIONS

Apply KELTHANE T/O WSP Miticide as a dilute or low volume spray with a properly maintained and calibrated sprayer. Use sufficient water to assure thorough and uniform coverage of the plant foliage. The amount of KELTHANE T/O WSP Miticide applied per acre should be the same whether dilute or low volume sprays are used. The amount of spray applied must be adjusted to the size and density of the trees or plants treated to provide adequate coverage. See Use and Dosage requirements for rates.

CROP TOLERANCE- KELTHANE T/O WSP is generally not phytotoxic to greenhouse and field grown crops. However, applications should be made to a small representative group of plants to assure that a particular variety, grown under current conditions, is not unusually sensitive to KELTHANE T/O WSP.

MITE RESISTANCE MANAGEMENT

Resistance to miticides is common and has been confirmed for virtually all commercial miticides. While resistance to KELTHANE T/O WSP Miticide has been confirmed in some mite species, it has also been conclusively demonstrated that resistance of mites to KELTHANE T/O WSP is unstable. That is, susceptibility to KELTHANE T/O WSP returns if use is discontinued for a short time, usually 1 to 2 years.

As a general rule, the utility of KELTHANE T/O WSP can be maintained indefinitely by rotating use of KELTHANE T/O WSP to one crop or season. In no case should KELTHANE T/O WSP returns if use is discontinued for a short time, usually 1 to 2 years. Resistance management strategies vary from crop to crop and state to state. For additional information contact your State Extension Service Specialists or your local Rohm and Haas field representative.

NOTE:

KELTHANE T/O WSP Miticide is compatible with boron and spray oils; however, the water-soluble pouches must be completely dissolved before adding spray oils or products containing boron to spray mixtures.

WATER pH- Do not put KELTHANE T/O WSP Miticide in alkaline solutions or mix with lime or lime-containing products. Adjust the pH of the diluent (spray water) to the slightly acidic range (pH 5 to 7) with a pH modifier such as LATRON AG 44-M spray adjuvant after adding KELTHANE T/O WSP to the tank.

ADJUVANTS- KELTHANE T/O WSP Miticide may be used either with or without any additional adjuvants. Addition of a spreader-sticker can at times be beneficial in improving spray coverage on difficult to wet foliage. KELTHANE T/O WSP Miticide should only be combined with a spreader-sticker that has been proven safe to turfgrass and ornamental species.

The following spray adjuvants have been especially formulated to optimize the performance of foliar-applied turf and ornamental pesticides:

- LA TRON AG -44M spray adjuvant
- A spreader-binder designed specifically for use in concentrate and low volume spray equipment.
- Other suitable pesticide spreader-stickers may also be used in combination with KELTHANE T/O WSP Miticide.

APPLICATION INSTRUCTIONS

Apply KELTHANE T/O WSP Miticide as a dilute or low volume spray with a properly maintained and calibrated sprayer. Use sufficient water to assure thorough and uniform coverage of the plant foliage. The amount of KELTHANE T/O WSP Miticide applied per acre should be the same whether dilute or low volume sprays are used. The amount of spray applied must be adjusted to the size and density of the trees or plants treated to provide adequate coverage. See Use and Dosage requirements for rates.

CROP TOLERANCE- KELTHANE T/O WSP is generally not phytotoxic to greenhouse and field grown crops. However, applications should be made to a small representative group of plants to assure that a particular variety, grown under current conditions, is not unusually sensitive to KELTHANE T/O WSP.

MITE RESISTANCE MANAGEMENT

Resistance to miticides is common and has been confirmed for virtually all commercial miticides. While resistance to KELTHANE T/O WSP Miticide has been confirmed in some mite species, it has also been conclusively demonstrated that resistance of mites to KELTHANE T/O WSP is unstable. That is, susceptibility to KELTHANE T/O WSP returns if use is discontinued for a short time, usually 1 to 2 years.

As a general rule, the utility of KELTHANE T/O WSP can be maintained indefinitely by rotating use of KELTHANE T/O WSP to one crop or season. In no case should more than two applications be made to a crop or in a single growing season. Resistance management strategies vary from crop to crop and state to state. For additional information contact your State Extension Service Specialists or your local Rohm and Haas field representative.

MITES CONTROLLED

- apple rust mite
- Atlantic spider mite
- Banks grass mite
- berberis mite
- plum (couch grass bud mite)
- broad mite
- brown mite
- carpinii mite
- clover mite
- conifer spider mite
- cyclamen mite
- desert spider mite
- European red mite
- McDaniel spider mite
- Pacific spider mite
- pear rust mite
- plum nursery mite
- plum rust mite
- privet mite
- Schoene spider mite
- six-spotted mite
- spruce spider mite
- strawberry spider mite
- tomato russet mite
- tropical mite
- two-spotted spider mite
- Willamette mite
- yellow spider mite
- Yuma spider mite

USE AND DOSAGE REQUIREMENTS

<table>
<thead>
<tr>
<th>CROP USE</th>
<th>APPLICATION RATE HIGH VOLUME SPRAYERS</th>
<th>APPLICATION RATE LOW VOLUME SPRAYERS</th>
<th>COMMENTS</th>
<th>RESTRICTIONS</th>
<th>DAYS FROM LAST APPLICATION TO HARVEST</th>
</tr>
</thead>
<tbody>
<tr>
<td>POWERFRUITS (APPLE, PEAR, CHERRY &amp; CRANBERRIES)</td>
<td>5 pouches (1/4-1 lb.) per 100 gallons (1)</td>
<td>15 pouches (3-3/4 lb.) per acre (3)</td>
<td>Make applications when mite population reach threshold levels as specified by Agricultural Experiment Station or State Extension Service Specialists.</td>
<td>Do not make more than two applications per season.</td>
<td>7 days</td>
</tr>
<tr>
<td>NON-RESIDENTIAL TURF GRASSES, NURSERY, FLOWER, DECORATIVE FLOWERS, GROUND COVER, SHRUB TREES</td>
<td>2 to 4 pouches (1/2 to 1 lb.) per 100 gallons (2)</td>
<td>2 to 4 pouches (1/2 to 1 lb.) per acre (3)</td>
<td>Spray in a manner which ensures penetration of dense foliage and gives uniform and thorough coverage on upper and lower leaf surfaces. Avoid excess runoff. Make applications when mites first appear and repeat in 5 to 7 days in the South and 10 to 14 days in the North. KELTHANE T/O WSP is generally not phytotoxic to greenhouse grown plants. However, application should be made to a small representative group of plants to ensure that a particular variety grown under current conditions is not unusually sensitive to KELTHANE T/O WSP.</td>
<td>Do not use on residential home lawns.</td>
<td>Do not make more than two applications per crop or season.</td>
</tr>
<tr>
<td>OUTSIDE SURFACE OF BUILDINGS</td>
<td>2 to 4 pouches (1/2 to 1 lb.) per 100 gallons (2)</td>
<td>2 to 4 pouches (1/2 to 1 lb.) per acre (3)</td>
<td>For control of clover mites, thoroughly spray outside walls, foundations, and windowills and plants and lawn at the base of infested buildings.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

(1) Assumes application volume of 300 gallons per acre. (2) Assumes application volume of 100 gallons per acre. (3) Assumes application volume of 20 gallons per acre.

STORAGE AND DISPOSAL

STORAGE: The water-soluble pouch may become brittle at storage temperatures below 32° F, but the miticide is not affected. Do not remove the water-soluble pouches from the container except for immediate use.

PESTICIDE DISPOSAL: Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited. Pesticide 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: Completely empty bag into application equipment, then dispose of empty bag in a sanitary landfill or by incineration or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPIILLED: SwEEP or shovel solid material into a suitable container for recovery or disposal. Keep spills out of all sewers and open bodies of water. REFER TO PRECAUTIONARY STATEMENTS.

KELTHANE, LATRON, AG 44-M and B-1956 are registered trademarks of Rohm and Haas Company.

8435-B1 Rohm and Haas Company, 100 Independence Mall West, Philadelphia, PA 19106-2300