

# UNITED STATES ENVIRONMENTAL PROTECTION AGENCY WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

March 24, 2020

Luz Chan Registration Manager Drexel Chemical Company P.O. Box 13327 Memphis, TN 38113-0327

Subject: Label Amendment – Consolidating Peppermint and Spearmint Directions for Use,

Adding Graphic, and Incorporating Interim Decision Mitigation for Aliphatic Solvents

Product Name: Drexel DamOil Supreme EPA Registration Number: 19713-708

Application Dates: October 7, 2019; March 24, 2020

Decision Numbers: 558013; 560987

Dear Ms. Chan:

The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable. This approval does not affect any conditions that were previously imposed on this registration. You continue to be subject to existing conditions on your registration and any deadlines connected with them.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

Your release for shipment of the product constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance

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with FIFRA section 6. If you have any questions, please contact Briana Hanlon by phone at (703) 347-8337, or via email at hanlon.briana@epa.gov.

Sincerely,

Michael Walsh

Product Manager 11

Invertebrate & Vertebrate Branch 2

Registration Division

Office of Pesticide Programs

Attachment

## ACCEPTED

03/24/2020

Under the Federal Insecticide, Fungicide and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 19713-708





A Dormant & Summer Spray Oil For Use in Organic Production

#### **ACTIVE INGREDIENT:**

OTHER INGREDIENTS: 2.0% 

# KEEP OUT OF REACH OF CHILDREN CAUTION

{Note to Reviewer: If any of the FIRST AID referral statements are used, only one of them will appear on the label.}

[See FIRST AID Below] [See Side Panel for FIRST AID] [See Back Panel for FIRST AID]

[See Attached Booklet for Complete Directions for Use]

EPA Reg. No. 19713-708 EPA Est. No. 19713-XX-X

Net Content:

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#### **FIRST AID**

#### IF ON SKIN OR CLOTHING:

- · Take off contaminated clothing.
- Rinse skin immediately with plenty of water for 15 to 20 minutes.
- Call a poison control center or doctor for treatment advice.

#### IF SWALLOWED:

- Immediately call a poison control center or doctor.
- Do not induce vomiting unless told to do so by a poison control center or doctor.
- Do not give any liquid to the person.
- Do not give anything by mouth to an unconscious person.

#### IF IN EYES:

- Hold eye open and rinse slowly and gently with water for 15 to 20 minutes.
- Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.
- Call a poison control center or doctor for treatment advice.

#### IF INHALED:

- Move person to fresh air.
- If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouthto-mouth, if possible.
- Call a poison control center or doctor for further treatment advice.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also call CHEMTREC at 800-424-9300 for emergency medical treatment information.

Note to Physician: Contains petroleum distillates. Vomiting may cause aspirational pneumonia.

708SP-0320\*P

<sup>\*</sup> Petroleum oil Min. Unsulfonated Residue - 95%; Petroleum oil Classification - Unclassified. Contains petroleum distillates.

# PRECAUTIONARY STATEMENTS Hazards to Humans and Domestic Animals

**CAUTION:** Harmful if absorbed through skin. Avoid contact with skin, eyes or clothing. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

### PERSONAL PROTECTIVE EQUIPMENT (PPE)

Mixers, loaders, applicators, flaggers and other handlers must wear: Long-sleeved shirt and long pants, chemical-resistant gloves made of barrier laminate or viton  $\geq$  14 mils, and shoes plus socks. See engineering controls for additional requirements.

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

Discard clothing and other absorbent materials that have been drenched or heavily contaminated by this product's concentrate. Do not reuse them.

#### **ENGINEERING CONTROLS**

Pilots must use an enclosed cockpit that meets the requirements listed in the WPS for agricultural pesticides [40 CFR 170.240(d)(6)].

#### **USER SAFETY RECOMMENDATIONS**

**Users should:** 1) Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. 2) Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. 3) 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. 4) Remove and wash contaminated clothing before reuse.

#### **ENVIRONMENTAL HAZARDS**

This product is toxic to aquatic invertebrates. 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 when disposing of equipment wash water or rinsate. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas. Avoid drift or run off into storm drains, drainage ditches, or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to maximize the chances that wind, or rain will not blow or wash pesticide off the treatment area. Rinsing application equipment over the treated area will help avoid run off to water bodies or drainage systems.

#### PHYSICAL OR CHEMICAL HAZARDS

Do not use, pour, spill 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. Do not apply this product through any type of irrigation system. 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 (WPS), 40 CFR Part 170. This standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, 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 interval (REI). The requirements in this box only apply to uses of this product that are covered by the WPS.

Do not enter or allow worker entry into treated areas during the REI of 4 hours.

PPE required for early entry to treated areas that is permitted under the WPS and that involves contact with anything that has been treated, such as plants, soil or water is: Coveralls, chemical-resistant gloves made of any waterproof material and shoes plus socks.

#### NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.

Do not enter or allow others to enter until sprays have dried.

Do not apply this product in a way that will contact adults, children or pets either directly or through drift.

DAMOIL SUPREME is a highly refined petroleum oil which acts as a contact insecticide. It is for use on plants in foliage or the dormant stage.

#### MIXING INSTRUCTIONS

1) Add enough water to mix tank to begin agitation. 2) Add micronutrients and other pesticides that are to be part of the mix. If dry pesticide products are used, premix the materials with water thoroughly and add to mix tank. DO NOT add this product before uniform mixture of pesticide and water is obtained. 3) Maintain agitation until the spray is applied. Flush any spray mixture remaining in the hoses back into the tank if the solution stands for more than 20 minutes.

#### **TANK-MIXING:**

Tank-mix only with products registered for use on the specific crop to be treated. When using this product in combination with other pesticides as directed on this label, observe the most restrictive rates, tank-mixing prohibitions, precautionary statements and limitations listed on the product labels involved.

Before tank-mixing with other labeled products, if compatibility is not known, check for tank-mix compatibility. A jar test prior to tank-mixing this product with other pesticides or liquid fertilizer will ensure compatibility. Use a clear glass quart jar with lid and mix the tank-mix ingredients in their relative proportions. Invert the jar containing the mixture several times and observe the mixture for approximately one-half hour. If components of the mixture separate readily, a compatibility agent will be helpful in maintaining the stability of the spray mixture. If the mixture balls-up, forms flakes, sludge, gels, oily films or layers or other precipitates, the components of the mixture are not compatible.

#### METHODS OF APPLICATION

This product may be applied using conventional hydraulic sprayers, concentrate application equipment, ground applicators, or aircraft. **Do not apply this product or mixes made from this product via chemigation**.

**Ground Application:** When applying by ground spray equipment as dilute or concentrate spray, apply the labeled amount of this product in sufficient water for thorough coverage. Reduce spray volume proportionally for smaller and immature plants. If applied as a concentrate spray, the application rate must equal the amount of this product per acre on a per 100 gallon basis except where actual rates are specified. For example, if the dilute application indicates 1 gallon of this product per 100 gallons of water and it requires 500 gallons of spray for thorough coverage, the concentrate spray would require 5 gallons of this product per acre.

**Aerial Application:** Apply the quantity of product indicated in sufficient water to make a minimum of 20 gallons of spray per acre except where indicated otherwise. Use aerial application only if growing and/or soil conditions indicate a ground application to be unfeasible.

#### SPRAY DRIFT ADVISORIES

# THE APPLICATOR IS RESPONSIBLE FOR AVOIDING OFF-SITE SPRAY DRIFT. BE AWARE OF NEARBY NON-TARGET SITES AND ENVIRONMENTAL CONDITIONS.

#### IMPORTANCE OF DROPLET SIZE

An effective way to reduce spray drift is to apply large droplets. Use the largest droplets that provide target pest control. While applying larger droplets will reduce spray drift, the potential for drift will be greater if applications are made improperly or under unfavorable environmental conditions.

#### **Controlling Droplet Size – Ground Boom**

- Volume Increasing the spray volume so that larger droplets are produced will reduce spray drift. Use the highest practical spray volume for the application. If a greater spray volume is needed, consider using a nozzle with a higher flow rate.
- Pressure Use the lowest spray pressure recommended for the nozzle to produce the target spray volume and droplet size.
- Spray Nozzle Use a spray nozzle that is designed for the intended application. Consider using nozzles designed to reduce drift.

#### **Controlling Droplet Size – Aircraft**

• Adjust Nozzles - Follow nozzle manufacturer's recommendations for setting up nozzles. Generally, to reduce fine droplets, nozzles should be oriented parallel with the airflow in flight.

#### **BOOM HEIGHT - Ground Boom**

For ground equipment, the boom should remain level with the crop and have minimal bounce.

#### **RELEASE HEIGHT - Aircraft**

Higher release heights increase the potential for spray drift. When applying aerially to crops, do not release spray at a height greater than 10 ft above the crop canopy, unless a greater application height is necessary for pilot safety.

### **SHIELDED SPRAYERS**

Shielding the boom or individual nozzles can reduce spray drift. Consider using shielded sprayers. Verify that the shields are not interfering with the uniform deposition of the spray on the target area.

#### **TEMPERATURE AND HUMIDITY**

When making applications in hot and dry conditions, use larger droplets to reduce effects of evaporation.

#### **TEMPERATURE INVERSIONS**

Drift potential is high during a temperature inversion. Temperature inversions are characterized by increasing temperature with altitude and are common on nights with limited cloud cover and light to no wind. The presence of an inversion can be indicated by ground fog or by the movement of smoke from a ground source or an aircraft smoke generator. Smoke that layers and moves laterally in a concentrated cloud (under low wind conditions) indicates an inversion, while smoke that moves upward and rapidly dissipates indicates good vertical air mixing. Avoid applications during temperature inversions.

#### **WIND**

Drift potential generally increases with wind speed.

AVOID APPLICATIONS DURING GUSTY WIND CONDITIONS.

Applicators need to be familiar with local wind patterns and terrain that could affect spray drift.

#### SPRAY DRIFT

#### **Boomless Ground Applications:**

Setting nozzles at the lowest effective height will help to reduce the potential for spray drift.

#### **SPRAY DRIFT**

#### **Handheld Technology Applications:**

· Take precautions to minimize spray drift.

#### INSTRUCTIONS AND PRECAUTIONS

DO NOT USE THIS PRODUCT in combination with or immediately preceding or following applications of captan, folpet, sulfur compounds, propargite and carbaryl.

For foliage application, the spray tank must be free of any sulfur residue before using this product. Do not combine sulfur sprays with this product on foliage and do not follow a previous application of sulfur or apply sulfur following this product until sufficient time has elapsed for safety (at least 30 days) except in the Northwest (OR and WA). In OR and WA, it may be used in combination on Pears as a post-harvest (after all fruit is off the tree), dormant and delayed dormant (before scales slip, or at or prior to bud swell) treatment.

Use precaution when applying this product at temperatures above 90°F. Treat a small area and observe it for signs of damage to plants (phytotoxicity). Allow enough time for symptoms to appear before continuing to spray.

Do not use this product when temperatures are above 95°F. When temperatures drop below 32°F (usually nighttime lows), do not spray trees and vine crops until daytime temperatures have warmed to a point above 32°F and are free from moisture due to melting frost or heavy dews. Application to trees weakened by disease, drought, drying winds or high nitrogen applications may result in oil injury.

#### **USE INSTRUCTIONS**

Dilute this product with water before use.

Amounts given are for 100 gallons of diluted spray solution unless otherwise specified.

ACEROLA (Barbados Cherry)\*, ATEMOYA\*, CARAMBOLA (Star Fruit)\*, RAMBUTAN\*: Aphids, Beetle larvae, Caterpillars, Leafhoppers, Leafminers, Mites, Thrips, Whiteflies; Alternaria leafspot, Gummy stem blight, Powdery mildew, Rusts – Dilute Spray: Use 0.75 to 1.5 gallons of this product per 100 gallons of water at 200 to 500 gallons of water per acre. Concentrate Spray: Use 3 to 6 gallons of this product per acre in a minimum of 20 gallons of water per acre.

Cucumber mosaic virus, Papaya ringspot virus, Pepper mottle virus, Potato leafroll virus, Potato virus Y, Tobacco etch virus, Watermelon mosaic virus 2, Zucchini yellow mosaic virus - **Dilute Spray:** Use 0.75 to 1.5 gallons of this product per 100 gallons of water at 200 to 500 gallons of water per acre. **Concentrate Spray:** Use 3 to 6 gallons of this product per acre in a minimum of 20 gallons of water per acre.

Spray once or twice weekly depending on the growth of crop and/or vector pressure. When using to control insect transmitted diseases, use higher pressure (minimum 100 psi) and ceramic hollow cone nozzles.

\*Not registered for use in California.

**ALFALFA Seed Crop Only:** Use 0.25 gallon (1 qt.) of this product per acre in a minimum of 20 gallons of water per acre by ground application or minimum of 10 gallons per acre by air when used in combination and at the specified label rates with Malathion 5EC (an emulsifiable concentrate containing 5 pounds of malathion per gallon) or other insecticides or miticides that permit tank mixture with oil for control of the

pests listed on the label. To increase the effectiveness of desiccants, apply 2 gallons of this product per acre in a minimum of 10 gallons of spray by air. Use is limited to those herbicides/desiccants labeled for Alfalfa Seed desiccation.

Spider mites: Use 0.25 gallon (1 qt.) of this product per acre at the dilutions noted above.

**ALMONDS, APRICOTS, CHERRIES, NECTARINES, PEACHES, PLUMS, PRUNES** *Dormant or Delayed-Dormant:* Aphids (eggs), Black scales, Brown apricot scales, Brown mites, European fruit lecaniums, Frosted scales, Italian pear scales, Oleander scales, Olive scales (Parlatoria scales), Parlatoria, Putnam scales, Red spider mites, San Jose scales, Soft brown scales, other Scale insects — Apply 1.5 to 2 gallons of this product in 300 to 600 gallons of water per acre or 4 to 6 gallons per acre in a minimum of 20 gallons of spray as a concentrate spray.

**Summer Use:** Red spider mites — Apply 3 to 4 quarts of this product in 300 to 600 gallons of water per acre as a dilute spray. Summer stages of Brown apricot scales, San Jose scales — Apply 1 gallon of this product in 300 to 600 gallons of water per acre as a dilute spray.

Almonds and Apricots *Dormant or Delayed-Dormant*: European red mite — Apply 4 to 8 gallons of this product in a minimum of 20 gallons of spray per acre. *Spring or Summer Use*: Brown mite, European red mite, Pacific mite, Two-spotted mites — Apply 1 to 2 gallons of this product in 300 to 600 gallons of water per acre as dilute spray. Apply 4 to 6 gallons of this product per acre in a minimum of 20 gallons of water as concentrate spray. If applied by air, apply at least 4 but no more than 6 gallons of this product per acre in a minimum of 20 gallons of spray.

**Plums and Prunes** *Dormant or Delayed-Dormant*: Peach twig borer — Apply 1.5 to 2 gallons of this product per acre in 100 gallons of water. As concentrate spray, apply 6 to 8 gallons of this product per acre in minimum of 20 gallons of water. If applied by air, use 6 to 8 gallons of this product per acre in a minimum of 20 gallons of water.

**Use Restrictions on Cherries Only:** Do not apply more than 2 gallons per 100 gallons of spray mixture or 2% by volume.

**APPLES** *Dormant or Delayed-Dormant:* Aphid eggs, Pear scales, Red spider mites, Rust mites, San Jose scale—Apply 1 to 2 gallons of this product per acre in 50 to 200 gallons of water as dilute spray. *Dormant (ID, OR, WA):* Mites, San Jose scales — Apply 1 to 1.5 gallons of this product per acre as dilute spray with Sulfur or Lime sulfur at the label specified rate. As concentrate spray, apply 4 to 6 gallons of this product with Sulfur or Lime sulfur at the label specified rate to total 20 to 100 gallons of spray per acre.

**Summer Use:** European red mites, Pacific mites, Two-spotted spider mites - Apply 1 to 1.5 gallons of this product per acre in 400 to 800 gallons of water. For concentrate spray, use no more than 4 gallons of this product per acre in minimum 20 gallons of spray.

By air, use at least 4 but no more than 6 gallons of this product in minimum 20 gallons of spray per acre. **Use Precaution:** Oil plus Sulfur or Lime sulfur can cause severe foliage and fruit bud injury if applied after the dormant period.

**AVOCADOS:** Bugs, Leafhoppers, Mites, Scales, and Thrips — Apply 1 to 4 gallons of this product per 100 gallons of water in a dilute spray of 400 to 3000 gallons per acre. Do not apply more than 30 gallons of this product per acre per application. For concentrate spray, apply 1 to 18 gallons of this product per acre in 50 to 100 gallons of spray mixture or in enough water for adequate coverage. For aerial application, apply 1 to 18 gallons of this product per acre in 20 to 100 gallons of spray. When application of this product is more than 2% v/v concentration, treat a small area and observe. Allow enough time for symptoms to appear before continuing to spray.

**BANANAS**, **PLANTAINS**: Black leaf streak, Sigatoka (black, yellow); This product will also loosen Sooty mold fungus and limit its formation by controlling Aphids, Mealybugs, Scale insects, and Whiteflies – Apply 0.5 to 1.5 gallons of this product in 20 to 100 gallons of water per acre. For application by Mist blower, use 1.5 gallons of this product in 6 gallons of water per acre.

Begin application when disease or insect pest first appears and continue every 10 to 15 days during the rainy period or as needed. DO NOT apply when daytime temperatures exceed 80°F (26.6°C) as injury may occur.

Phytotoxicity may be affected by the quantity of oil used, vigor of trees, and temperatures at time of application. Bag fruits or use a directed spray on unbagged fruits to improve crop safety.

**BLUEBERRIES, BUSHBERRIES, CANEBERRIES:** Aphids, Mealybugs, Mites, Sawfly eggs, Scales, Whiteflies, Powdery mildew, Rust—Apply 0.75 to 1.5 gallons of this product in 100 gallons of water per acre with ground equipment for optimum spray coverage of leaf surfaces. For fungal diseases, use at least 200 psi spray pressure.

**BEETS:** Aphids, Armyworms, Beetle Iarvae, Caterpillars, Leafminers, Mites, and Whiteflies; Cercospora leafspots — Apply 1 to 2 gallons of this product in 100 gallons of water per acre.

#### CITRUS (Citrus spp., Fortunella spp.)

Citron, Grapefruit, Mandarins, Oranges (Navel, Valencia), and Other Citrus spp.: Mealybugs\*, Mites, Scales (Black, Brown, Brown soft, California Red, Chaff, Citricola, Glover, Purple, Red, Snow, Yellow), Spider mites (Pacific, Red, Two-spotted), Whiteflies; Sooty mold – Apply 1.2 to 1.4 gallons of this product in late Summer through October. In Southern California (including all coastal counties), apply 0.5 to 1.4 gallons per acre throughout the year. Apply in enough water for thorough coverage. As concentrate spray, apply in a minimum of 20 gallons of spray per acre.

**Use Precaution:** On Navel oranges, do not apply during or after color break.

**Use Restrictions:** Do not exceed a maximum of 212 pounds of active ingredient (29.5 gallons of this product) in a maximum volume of 2000 gallons of spray mix per acre when treating Citrus in California. Do not exceed a maximum of 159 pounds of active ingredient (22.1 gallons of this product) in a maximum volume of 1500 gallons of spray mix per acre when treating Citrus in Florida or Texas.

**Lemons, Limes:** Mealybugs\*, Scales (Black, Brown, Brown soft, California Red, Chaff, Citricola, Glover, Purple, Red, Snow, Yellow), Mites (Bud, Flat, Red spider, Rust), Whiteflies; Sooty mold — Apply 1.2 to 1.4 gallons of this product per acre in late Spring and late Summer through December. In Southern California, apply 0.5 to 1.4 gallons of this product per acre throughout the year. Apply in enough water for thorough coverage. As concentrate spray, apply this product in a minimum of 20 gallons of spray per acre.

**Use Restrictions:** Do not exceed a maximum of 212 pounds of active ingredient (29.5 gallons of this product) in a maximum volume of 2000 gallons of spray mix per acre when treating Citrus in California. Do not exceed a maximum of 159 pounds of active ingredient (22.1 gallons of this product) in a maximum volume of 1500 gallons of spray mix per acre when treating Citrus in Florida or Texas.

**All Citrus Varieties:** Use this product as an adjuvant with a suitable insecticide or miticide. Do not exceed 0.4% v/v concentration. Do not use this product when freezing temperatures are expected within 24 hours of application. Precautions should be taken when combining this product with certain insecticides and miticides due to possible increased phytotoxicity when applied over the foliage. Consult an Agricultural Extension Service agent for recommendations on special combinations.

<sup>\*</sup>Not registered for use in California.

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**COCOA:** Bugs, Leafhoppers, Leafroller, Scales, and Thrips - Apply 1 to 2 gallons of this product in 100 gallons of water per acre. Use as needed.

**COFFEE:** Coffee borer, Green scale—Apply 3 to 6 gallons of this product in 100 gallons of water per acre. Use water only as a diluent.

**Use Restriction:** Do not apply more than 6 gallons of this product per acre per application.

**CORN:** Aphids, Beetle larvae, Caterpillars, Leafminers, Mites, and Whiteflies — Apply 1 to 2 gallons of this product in 100 gallons of water per acre.

On Corn, this product may also be used in combination with atrazine by ground application at the rate of 1 gallon in 20 to 40 gallons of water per acre or by air at the rate of 0.5 gallon in minimum 5 gallons of water per acre. Follow the use precautions, limitations, and directions for use given on the atrazine product label.

**COTTON:** Earworm, Fall Armyworm, Corn Rootworm, Leafhopper, Leafminer, Mites, Whiteflies; Cercospora – Apply 3 to 6 quarts of this product in 100 gallons of water per acre. Using ground equipment, spray for optimum coverage of leaf surfaces. For fungal diseases, use at least 200 psi spray pressure.

**FIGS Dormant or Delayed-Dormant:** Aphids, Fig scales, Mealybugs, Mites, Scales — Use 2 to 3 gallons of this product per 100 gallons of water. Apply 300 to 600 gallons of spray mix per acre. Use 3 gallons of this product per 100 gallons of water for severe infestation. Apply 4 to 6 gallons of this product in a minimum of 50 gallons of spray as a concentrate spray per acre.

**GRAPES** *Dormant:* Mealybugs—Apply 4 to 6 gallons of this product in 200 to 300 gallons of spray solution per acre. If applied in tank mixture with another insecticide, use 1 to 2 gallons of this product in 200 to 300 gallons of water per acre to control Mealybugs. As a concentrate spray, apply 1 to 2 gallons of this product per acre with an appropriate insecticide in enough water for thorough coverage.

**Dormant and Summer Use**: Leafhoppers, Leafminers, Mites, Scales, Whiteflies; Botrytis, Powdery mildew - Apply as dilute spray using 0.75 gallons of this product in 100 gallons of water at 100 to 500 gallons of water per acre. As concentrate spray, use 1 to 3 gallons of this product per acre in minimum 50 gallons of water per acre. Use as needed.

**Use Precautions:** This product can temporarily affect surface bloom appearance, but will not cause subsurface injury. DO NOT apply this product within 2 days of harvest of Grapes intended for fresh market for suppression of Leafhopper or Mites.

**GRASSES GROWN FOR SEED (BLUEGRASS, FESCUES, ORCHARDGRASS, PERENNIAL RYE-GRASS):** Mites; Powdery Mildew, Rust - Apply 1 to 2 gallons per acre in a minimum of 10 gallons of water per spray. Initiate sprays in late spring or early fall when Powdery mildew and Rust pustules are noticeable. Continue sprays every 14 to 21 days.

#### **GREENHOUSES, CONTAINERS, AND INTERIORSCAPES**

Use once a week initially. As the pest is controlled, decrease the frequency to every 2 to 3 weeks as needed. Some plants are more sensitive to oil treatment if any of the following conditions are present at the time of application: High humidity (74%), an overcast or cloudy day, inadequate air flow, a small greenhouse where the sunlight is magnified causing a fast buildup of temperature and light intensity.

Ageratum crown of thorns, Dieffenbachia, Ferns, Ficus, Lisianthus, Orchids, Palms, Petunia, Poinsettia, Schefflera, Sunflower Summer (Foliar or Cover): Aphids, Fungus gnats, Leafminers, Mealybugs, Scales (hard, soft), Spider mites, Thrips, Whiteflies - Apply 0.5 to 1 gallon of this product in 100 to 200 gallons of water per acre. Due to varietal differences in response to a treatment of this product at the labeled rate, conduct a small test on 1 or 2 plants of the specific variety to be treated.

Aglaonema, Aster, Azaleas, Begonias, Browallia, Camellias, Carnations, Celosia, Chrysanthemum, Coleus, Cosmos, Crepe Myrtle, Dusty miller, Easter lily, Fuchsia, Gardenias, Gerbera, Gladiola, Helichrysum, Hibiscus foliage, Hydrangea, Impatients, Iris, Lillies, Jade Plant, Marigold, Mums, New Guinea Impatiens, Nicotonia, Philodendron, Portulaca, Reiger Begonias, Rhododendron, Roses, Snapdragon, Vines, Zinnias Summer (Foliar or Cover): Aphids, Fungus gnats, Leafminers, Mealybugs, Scales (hard, soft), Spider mites, Thrips, Whiteflies; Powdery mildew, Rusts - Apply 1 to 2 gallons of this product in 100 to 200 gallons of water per acre. Due to varietal differences in response to a treatment of this product at the labeled rate, conduct a small test on 1 or 2 plants of the specific variety to be treated.

**Leaf Polish for Hardy Plants** *Summer (Foliar or Cover)*: Apply 1 gallon of this product in 100 gallons of water. Wipe upper and lower sides of leaf until fully covered.

**HOPS:** Aphids, Leafrollers, Mites, Scales, Whiteflies; Powdery mildew—Apply 1 to 2 gallons of this product in 100 gallons of water per acre. Begin application at early leaf stage and repeat at 10 to 14 day intervals. Discontinue application at Burr development.

**KIWI:** Aphids, Mites, Scales (Greedy, Latania, Oleander, San Jose)—Apply 4 to 6 gallons of this product in minimum of 100 gallons of water per acre. Use the 6 gallon rate when pest populations are high.

**MACADAMIA**: Bugs, Leafhoppers, Leafrollers, Scales, Thrips; Sigatoka - Apply 1 to 2 gallons of this product in 100 gallons of water per acre. Use as needed.

**MANGOES:** Mites; Powdery mildew—Apply 1 to 1.5 gallons of this product in minimum of 100 gallons of water per acre.

**OLIVES:** Aphids, Black scales, Mites, Oleander scales, Parlatoria scales, Olive scales, Spider mites—Apply 1.5 gallons of this product in 400 to 500 gallons of water per acre. Apply in pre-bloom or in post-bloom up to buckshot and post-harvest.

# ORNAMENTALS, FLOWER AND FOLIAGE PLANTS, SHRUBS, CHRISTMAS TREES, AND SHADE TREES

**Azalea, Camellia, Carnation, Fuchsia, Gladiola, Hibiscus, Iris, Lily, Orchids, Rhododendron, Vines:** Aphids, Fungus gnat, Leafminers, Mealybugs, Mites, Scales, Thrips, Whiteflies; Powdery mildew, Rust - Apply this product at 1 to 2 gallons of water as needed.

**Chrysanthemum, Diffenbachia, Philodendron, Poinsettia:** Leafminers, Mealybugs, Mites, Scale Insects, Whiteflies; Black spot, Powdery Mildew – Apply 1 to 2 ounces per gallon. Use Albuz ATR nozzles, lilac color or their equivalent. Apply weekly or every two weeks depending on level of pest infestation from 20 to 100 gallons of dilute spray emulsion per acre, depending on plant size. Spray to the point of runoff. Vary quantity of spray applied by changing the number of nozzles used, not by changing pressure, speed of spray or nozzle size.

**Christmas Trees Winter:** Adelgids, Aphids, Scales (soft and hard; immature), Spider mites—Apply in 2 to 4 gallons of this product as needed. **Summer:** Adelgids, Aphids, Scales (soft and hard; immature), Spider mites—Apply 1 to 3 gallons of this product as needed. Do not apply more than 0.02 gallon (2.56 fl. ozs.) per gallon of water per application using ground equipment during the Winter period.

Flower and Foliage Plants (including Roses and other flowering shrubs) *Winter Dormant Period:* Adelgids, Aphids, Bugs (immature), Caterpillars, Eriophyid mites, Gall mites, Lace bugs, Leaf beetle larvae,

Leafminers, Mealybugs, Psyllids (immature), Sawfly larvae, Scales (immature), Spider mites, Whiteflies (immature)—Apply this product at 2 to 3 gallons as needed. **Summer:** Apply 1 to 2 gallons of this product as foliar or cover spray as needed.

**Oak, Privet:** Black Scale, Brown Apricot Scale, Brown Soft Scale, Oyster Shell Scale, San Jose Scale, Red Spider Mites and Eggs – Apply 1 gallon in 100 gallons of water. **Dormant Spray on Deciduous Varieties:** Apply 2 gallons in 100 gallons of water. **Dormant Spray on Other Varieties:** Apply 1 gallon in 100 gallons of water. See *'Plant Restrictions'* section below for use precautions.

Ornamentals (Foliage and Bedding Plants) Winter Dormant Period: Adelgids, Aphids, Bugs (immature), Caterpillars, Eriophyid mites, Gall mites, Lace bugs, Leaf beetle larvae, Leafminers, Mealybugs, Psyllids (immature), Sawfly larvae, Scales (immature), Spider mites, Whiteflies (immature)—Apply this product at 2 to 3 gallons as needed. Summer: Apply 1 to 2 gallons of this product as foliar or cover spray as needed.

Shade Trees and Shrubs including Conifers, Deciduous and Broadleaf Evergreens, and Woody Ornamentals *Winter Dormant Period*: Aphids, Bugs (immature), Caterpillars, Eriophyid mites, Gall mites, Lace bugs, Leaf beetle larvae, Leafminers, Mealybugs, Psyllids (immature), Sawfly larvae, Scales (immature), Spider mites, Whiteflies (immature)—Apply this product at 2 to 4 gallons as needed. *Summer:* Apply 1 to 3 gallons of this product as foliar or cover spray as needed. See *'Plant Restrictions'* section below for use precautions.

Trees and Shrubs along city streets, other Rights-of-way including Conifers, Deciduous and Broadleaved evergreens *Winter Dormant Period:* Aphids, Bugs (immature), Caterpillars, Eriophyid mites, Gall mites, Lace bugs, Leaf beetle larvae, Leafminers, Mealybugs, Psyllids (immature), Sawfly larvae, Scales (immature), Spider mites, Whiteflies (immature)—Apply this product at 2 to 4 gallons as needed. *Summer:* Apply 1 to 3 gallons of this product as foliar or cover spray as needed. See *'Plant Restrictions'* section below for use precautions.

**Plant Restrictions:** Oil removes the glaucous (blue) bloom from such Evergreens as Colorado blue spruce and Koster spruce. Do not spray on Walnut foliage. Always use lower dosage or test spray oil sensitive plants such as *Chamaecypris, Cryptomeria,* Japanese holly, Juniper, Smoke tree, and Spruce. Tendency toward sensitivity: Red cedar and Douglas fir. Use with precaution and reduce dosage for dormant application on Sugar maple and Red bud. Do not spray when buds have fully opened and shoot elongation is occurring.

Do not use on Conifers or Ferns not tolerant to oil sprays. In California, limit the use of this product to American red oak, Cornelian cherry, Crabapple, Dogwood, Japanese black pine, Purple leaf plum, Weeping cherry. Keep sprays away from open blooms; bleaching and spotting has been observed with the open blooms of certain plants.

Do not apply this product when there is obvious moisture deficit in leaves or plant is under stress.

Do not apply this product more than 4 times during the growing season. Allow at least a 2-week interval between applications to the same plants. For Fall dormant applications, reduce the rate to 2 gallons of this product.

**PAPAYA:** Mites; Powdery mildew, Papaya ringspot virus — Apply 0.75 to 1.5 gallons of this product in minimum of 100 gallons of water per acre.

**PEANUT:** Aphids, Beetle Larvae, Leafhoppers, Leafminers, Mites, Thrips, Whiteflies; Powdery Mildew - Apply 1 to 2 gallons of this product in 100 gallons of water per acre. Use as needed.

**PEARS** *Dormant or Delayed-Dormant:* Aphids (eggs), Codling moth\*, European fruit lecanium scales, European red mites (eggs), Olive scales, Pear scales, Red spider mites, San Jose scales—Apply 1 to 2

gallons of this product in 50 to 200 gallons of water per acre. As concentrate spray, use 3 to 8 gallons of this product in minimum of 50 gallons of water per acre. **Dormant or Delayed-Dormant:** Fruit tree leafrollers, Pear leaf blister mites - Use 1 to 3 gallons of this product in 100 gallons of water at 100 to 800 gallons of water per acre as dilute spray. As concentrate spray, use 3 to 12 gallons of this product in minimum of 50 gallons of water per acre. **Delayed-dormant:** Pear psylla—Apply 2 gallons of this product in 50 to 200 gallons of water per acre. As concentrate spray, apply 4 to 6 gallons in a minimum of 20 gallons of spray per acre. **Delayed-dormant and Fall Spray:** Blister mites—Apply 2 gallons of this product. **Summer Use:** European red mites, Pacific mites, Two-spotted spider mites —Apply 1 to 1.5 gallons of this product per acre in 400 to 800 gallons of water as dilute spray. As concentrate spray, do not apply more than 4 gallons of this product per acre in a minimum of 20 gallons of spray per acre.

If applied by air, apply at least 4 but no more than 6 gallons of this product in a minimum of 20 gallons of spray per acre. **California Only:** As concentrate spray, apply 4 to 6 gallons of this product in 90 to 120 gallons of spray per acre. For summer forms of Italian pear scales and San Jose scales, apply 1 to 1.5 gallons of this product as concentrated spray.

**Dormant (ID, OR, WA):** Pear psylla—Apply 1 to 1.5 gallons of this product per acre as dilute spray with Sulfur or Lime sulfur at the specified label rate. As concentrate spray, DO NOT apply more than 5 gallons of this product with Sulfur or Lime sulfur at the labeled rate in 20 to 100 gallons of spray per acre.

**Use Precaution:** Oil plus Sulfur or Lime sulfur can cause severe foliage and fruit bud injury if applied after the dormant period.

\*Not registered for use in California.

**PECANS:** Obscure scales – Apply 3 to 3.5 gallons of this product per 100 gallons of water during free dormancy and when temperature is between 50°F and 70°F. Apply in minimum 200 gallons of water per acre.

**Dormant or Delayed-Dormant (Dilute Sprays):** Aphids (eggs), Mites (eggs), Scales – Use 2 to 3 gallons of this product per 100 gallons of water. Apply in minimum 200 gallons of water per acre. Use the 2-gallon rate when trees are in a weakened condition. Apply from late February until buds first break. **Dormant or Delayed-Dormant (Concentrate Sprays):** Aphids (eggs), Mites (eggs), Scales – Use 6 to 8 gallons of this product per acre. Apply in minimum 20 to 125 gallons of water per acre. Use the 6-gallon rate when trees are in a weakened condition. Apply from late February until buds first break.

**PEPPERMINT, SPEARMINT:** Aphids\*, Beetle larvae\*, Caterpillars\*, Leafhoppers\*, Leafminers\*, Mites, Pepper psyllids\*, Thrips\*, Whiteflies\*; Alternaria leafspot\*, Cucumber mosaic virus\*, Gummy stem blight\*, Papaya ringspot virus\*, Pepper mottle virus\*, Potato leafroll virus\*, Potato virus Y\*, Powdery mildew, Rust\*, Tobacco etch virus\*, Watermelon mosaic virus 2\*, Zucchini yellow mosaic virus\* - Apply 1 to 2 gallons of this product per acre. With ground equipment, apply for thorough coverage when Powdery mildew is present or Mint is 5 to 6 inches tall. Repeat at 14 to 21 day intervals or spray once or twice weekly depending on the growth of the crop and/or vector pressure. Spray with a minimum of 20 gallons per acre of water. When using to control insect transmitted diseases, use higher pressure (minimum 100 psi) and ceramic hollow cone nozzles.

\*Not registered for use in California.

**PINEAPPLE:** Aphids, Bud moth, Chinese rose beetle, Mealybugs, Mites, Scales —Apply 1 to 2 gallons of this product in 100 gallons of water per acre as spray. Apply 1 to 2 gallons of this product per 100 gallons of water as dip. Dip for 30 seconds.

**PISTACHIOS:** *Dormant, Delayed Dormant or Post-harvest Applications*: Leafrollers\*, Mealybugs\*, Mites, Scales, Wintering phytocoris—Apply alone or in combination with other registered products shown effective against Soft scales. For dilute applications, apply 5 to 10 gallons of this product in 250 to 500 gallons of water per acre. Do not use more than 2% v/v solution as a dilute application. For concentrate

application, apply 4 to 8 gallons of this product in 70 to 150 gallons of water per acre. Do not use more than 6% v/v solution as a concentrate application. Use concentrate application for moderate to severe pest populations. Apply by mid-February. Applications made in January or February, especially at rates above 10 gallons of this product per acre may result in advanced bud break and bloom, which may increase the potential for frost damage. Do not apply this product when orchard is not vigorous or when under stress.

\*Not registered for use in California.

**POMEGRANATE:** *Dormant or Delayed Dormant:* Aphid (eggs), European red mite (eggs), Mealybugs, Scales (Black, Brown soft, Frosted, Olive, San Jose) - Use 2 to 3 gallons of this product in 100 gallons of water at 50 to 300 gallons of water per acre. Apply in Winter when leaves are not present.

**Summer (Foliar or Cover) -** Aphids, Mealybugs, Scale crawlers, Spider mites, Whiteflies - Use 1 to 3 gallons of this product in 100 gallons of water at 50 to 300 gallons of water per acre. Spray every 2 to 3 weeks depending on pest pressure.

**STRAWBERRIES:** Aphids, Mites, Sawflies, Scales, Whiteflies; Powdery mildew, Rusts - Use 0.75 to 1.5 gallons of this product in 100 gallons of water at 100 to 200 gallons of water per acre. Spray at no less than 400 psi using ceramic spray nozzles (Albuz® ATR, lilac color or their equivalent).

**SUGAR BEETS:** Aphids, Armyworms, Leafhoppers\*, Leafminers, Mites, Whiteflies; Cercospora leafspots\* - Apply 0.75 to 2 gallons of this product in minimum 10 gallons of water per acre. Using ground equipment, spray for optimum coverage of leaf surfaces. For fungal diseases use at least 200 psi spray pressure. Use as needed.

\*Not registered for use in California.

**TOBACCO:** Aphids, Beetle Larvae, Leafhoppers, Leafminers, Mites, Thrips, Whitefly—Apply 0.75 to 1 gallon of this product per 100 gallons of water per acre.

#### **VEGETABLES & MISCELLANEOUS CROPS**

**Asparagus, Beans, Cucurbits, Peppers, Squash, and Tomatoes:** Aphids, Beetle larvae, Caterpillars, Leafhoppers, Leafminers, Mites, Thrips, Whiteflies; Powdery mildew — Apply 0.75 to 2 gallons of this product in 100 gallons of water per acre.

**Tomatoes**: Armyworm\*, Fruit worm\*, Horn worm\*, Lygus bug\*, Stink bug\*, Tomato psyllid\*, Tomato pinworm\*; Alternaria leafspot, Cucumber mosaic virus, Gummy stem blight, Papaya ringspot virus, Pepper mottle virus\*, Potato leafroll virus\*, Potato virus Y\*, Tobacco etch virus\*, Rust, Watermelon mosaic virus 2\*, Zucchini yellow mosaic virus\* – Use 0.75 to 1.5 gallons per 100 gallons of water. Apply at 25 to 150 gallons of water per acre once or twice weekly depending on the rapid growth of the crop and/or vector pressure. When using to control insect transmitted diseases, use higher pressure (100 psi) and ceramic hollow cone nozzle.

\*Not registered for use in California.

Balsam apple, Balsam Pear, Bitter Melon, Broccoli, Chinese Broccoli, Broccoli raab, Brussels sprouts, Cabbage, Cantaloupe, Casaba, Cauliflower, Cavalo broccoli, Celery, Chayote, Chinese cabbage (Bok choy and Napa), Chinese Cucumber, Chinese mustard cabbage (Gai choy), Chinese Okra, Chinese waxgourd, Citron melon, Collards, Crenshaw melon, Cucumber, Cucuzza, Dasheen (Taro), Eggplant, Gherkin, Golden pershaw melon, Hechima, Honeydew melon, Hyotan, Japanese radish (Daikon), Kale, Kohlrabi, Lettuce, Mango melon, Melons, Mizuna, Mustard greens, Mustard spinach, Okra, Peas, Persian melon, Potatoes, Pumpkin, Radish, Rape greens, Summer squash, Sweet potatoes, True cantaloupe, Watermelon, Winter squash:

Aphids, Beetle Iarvae, Caterpillars, Leafminers, Leafhopper, Loopers\*, Mites, Thrips, Whiteflies; Alternaria leafspot, Gummy stem blight, Powdery mildew, Rust - Apply 0.75 to 1.5 gallons of this product per acre in 50 to 100 gallons of water.

\*Not registered for use in California.

Cucumber mosaic virus, Papaya ringspot virus, Pepper mottle virus, Potato virus Y, Tobacco etch virus, Watermelon mosaic virus 2, Zucchini yellow mosaic virus - Apply 0.75 gallons in 50 to 100 gallons of water per acre. Spray once or twice weekly depending on growth of crop and/or vector pressure. When using to control insect transmitted diseases, use higher pressure (100 psi) and ceramic hollow cone nozzle.

Chinese artichoke\*/Japanese Artichoke\*: Aphids, Beetle larvae, Caterpillars, Leafhoppers, Leafminers, Mites, Pepper psyllids, Thrips, Whiteflies; Alternaria leafspot, Cucumber mosaic virus, Gummy stem blight, Papaya ringspot virus, Pepper mottle virus, Potato leafroll virus, Potato virus Y, Powdery mildew, Rust, Tobacco etch virus, Watermelon mosaic virus 2, Zucchini yellow mosaic virus - Apply 1 to 2 gallons in minimum 50 gallons of water per acre. Spray once or twice weekly depending on the growth of the crop and/or vector pressure. When used to control insect transmitted diseases, use higher pressure (minimum 100 psi) and ceramic hollow cone nozzles. For fungal diseases, use at least 200 psi spray pressure.

\*Not registered for use in California.

Garlic\*, Leeks\*, Onions (Dry bulb and Green)\*, Shallots\*: Leafminers, Thrips, Maggot flies, Mites - Apply 0.5 to 1.5 gallons of this product per 20 gallons minimum of water. Make applications when pests appear and repeat as necessary to maintain control. This product may be used with other registered insecticides such as pyrethroids to improve control of Thrips. Follow all label precautions and directions for use on other registered insecticides.

\*Not registered for use in California.

#### **Miscellaneous Crops**

#### Cilantro\*, Mexican oregano\*

Aphids, Beetle Iarvae, Caterpillars, Leafhoppers, Leafminers, Mites, Pepper psyllids, Thrips, Whiteflies; Alternaria leafspot, Cucumber mosaic virus, Gummy stem blight, Papaya ringspot virus, Pepper mottle virus, Potato leafroll virus, Potato virus Y, Powdery mildew, Rust, Tobacco etch virus, Watermelon mosaic virus 2, Zucchini yellow mosaic virus - Apply 1 to 2 gallons of this product in minimum 50 gallons of water per acre. Spray once or twice weekly depending on the growth of the crop and/or vector pressure. When using to control insect transmitted diseases, use higher pressure (minimum 100 psi) and ceramic hollow cone nozzles.

\*Not registered for use in California.

Ginger\*, Ginseng\*, Herbs and Spices (Curly Leaf Basil, Lemon Balm)\*: Aphids, Beetle larvae, Caterpillars, Leafhoppers, Leafminers, Mites, Thrips, Whiteflies; Alternaria leafspot, Cucumber mosaic virus, Gummy stem blight, Papaya ringspot virus, Pepper mottle virus, Potato leafroll virus, Potato virus Y, Powdery mildew, Rust, Tobacco etch virus, Watermelon mosaic virus 2, Zucchini yellow mosaic virus - Apply 0.75 to 1.5 gallons in 50 to 100 gallons of water per acre. Spray once or twice weekly depending on the growth of the crop and/or vector pressure. When using to control insect transmitted diseases, use higher pressure (minimum 100 psi) and ceramic hollow cone nozzles.

\*Not registered for use in California.

**WALNUTS** *Late Spring to Mid-Summer Only:* Summer stages of European fruit scales, Frosted scales, Red spider mites, San Jose scale, and other Soft-shelled scales—Apply 0.5 to 1 gallon of this product. *Delayed Dormant:* Black, Calico, European fruit lecanium scales, Frosted, Olive, Red spider mite eggs, San Jose scale, and Walnut aphid eggs—Apply 2 gallons of this product in 300 to 500 gallons of water per acre. Spider mites—Apply 4 gallons of this product per acre in 200 to 400 gallons of water on fully expanded leaves as foliar spray. As concentrate spray, for delayed dormant and foliar sprays, apply in a minimum of 40 gallons of water per acre.

As an adjuvant for neutral copper compounds for control of Walnut blight in pre- and post-bloom sprays: Apply 1 quart of this product per 100 gallons of water as a dilute spray. Follow dosages and timing on the copper product label.

**Use Precautions:** Use this product only on trees that have not suffered from lack of moisture or other stressing factors during the growing season. Do not apply when soil moisture is low. Do not apply after husk splits.

### STORAGE AND DISPOSAL

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

**PESTICIDE STORAGE:** Store under lock and key in a ventilated room and secure from access by unauthorized persons and children. Store in a cool, dry area away from any heat or ignition source. Do not stack over 2 pallets high. Move containers by handles or cases. Do not move containers from one area to another unless they are securely sealed. Keep container tightly sealed when not in use. Keep container away from any puncture source. Avoid storage near water supplies, food, feed and fertilizer to avoid contamination.

Store in original containers only. If the contents are leaking or material is spilled, follow these steps:

- 1. Contain spill. Absorb with a material such as sawdust, clay granules or dirt.
- 2. Collect and place in suitable containers for disposal.
- 3. Wash area with soap and water to remove remaining pesticide.
- Follow washing with clean water rinse.
- 5. Place a leaking container in a plastic tub and transfer contents, as soon as possible, to an empty, original container.
- 6. Do not allow runoff to enter sewer or contaminate water supplies.
- 7. Dispose of waste as indicated below.

**PESTICIDE DISPOSAL:** To avoid waste, use all materials in this container by application according to label directions. If wastes cannot be avoided, offer remaining product to a waste disposal facility or pesticide disposal program (often, such programs are run by State or local governments or by industry).

#### **CONTAINER HANDLING:**

Nonrefillable Container (rigid material; ≤ 5 gallons): Nonrefillable container. Do not reuse or refill this container. Clean container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container one-fourth full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Offer for recycling, if available, or dispose of empty container in a sanitary landfill or by or by other procedures allowed by state and local authorities.

Nonrefillable Container (rigid material; > 5 gallons up to < 250 gallons): Nonrefillable container. Do not reuse or refill this container. Clean container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container one-fourth full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Offer for recycling, if available, or dispose of empty container in a sanitary landfill or by or by other procedures allowed by state and local authorities.

Refillable Container (≥ 250 gallons & Bulk): Refillable container. Refill this container with pesticide only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10% full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times. Offer for recycling, if available, or dispose of empty container in a sanitary landfill or by or by other procedures allowed by state and local authorities.

#### WARRANTY—CONDITIONS OF SALE

OUR DIRECTIONS FOR USE of this product are based upon tests believed reliable. Follow directions carefully. Timing and method of application, weather and crop conditions, mixtures with other chemicals not specifically recommended and other influencing factors in the use of this product are beyond the control of the Seller. To the extent consistent with applicable law, Buyer assumes all risks of use, storage and handling of this material not in strict accordance with directions given herewith. To the extent consistent with applicable law, in no case shall the Manufacturer or the Seller be liable for consequential, special or indirect damages resulting from the use or handling of this product when such use and/or handling is not in strict accordance with directions given herewith. The foregoing is a condition of sale by the Seller and is accepted as such by the Buyer.



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### **OPTIONAL MARKETING STATEMENT:**

• For use in organic production

