



TM

## Spray Oil Emulsion Fungicide, Insecticide and Miticide

Active Ingredient:	
Petroleum Oil .....	80.0%
Other Ingredients: .....	20.0%
Total .....	100.0%
Un sulfonated Residue Petroleum Oil .....	92% min.
EPA Reg. No. 48813-1 .....	EPA Est. No. 48813-IL-1

**KEEP OUT OF REACH OF CHILDREN**

### CAUTION FIRST AID

#### Statement of Practical Treatment

**If swallowed**, call a doctor or get medical attention. Do not induce vomiting. Do not give anything by mouth to an unconscious person. Avoid alcohol.

**If on skin**, wash with plenty of soap and water. Get medical attention if symptoms persist.

**If in eyes**, flush with plenty of water. If irritation persists, see a physician.

**If inhaled**, remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth, and get medical attention.

#### NOTE TO PHYSICIAN

May pose an aspiration pneumonia hazard. See next panel for additional Precautionary Statements.

**Net Contents: 2.5 gal. (17.9 lbs.)**

Manufactured by:



**BRANDT CONSOLIDATED**

Box 277, Pleasant Plains, Illinois  
217-626-1031

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## PRECAUTIONARY STATEMENTS

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### Hazards to Humans and Domestic Animals

**CAUTION:** Harmful if swallowed. Avoid breathing spray mists or vapors. Avoid contamination of feed or foodstuffs.

### PERSONAL PROTECTIVE EQUIPMENT

**WPS USES:** Handlers who may be exposed to the dilute through application or other tasks covered by the Worker Protection Standard (40 CFR Part 170)— in general, agricultural plant uses are covered — must wear: long-sleeved shirt, long pants, shoes plus socks and chemical resistant gloves (such as barrier laminate or nitrile rubber, neoprene rubber, or viton). Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

**NON-WPS USES:** Handlers who may be exposed to the dilute through application or other tasks NOT covered by the Worker Protection Standard (40 CFR Part 170) — in general, only agricultural plant uses are covered by the WPS — must wear: long-sleeved shirt, long pants, shoes plus socks and chemical resistant gloves (such as barrier laminate or nitrile rubber, neoprene rubber, or viton). After using this product, remove clothing and launder separately before reuse, and promptly and thoroughly wash hands and exposed skin with soap and water.

### USER SAFETY RECOMMENDATIONS

Users should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.

### ENVIRONMENTAL HAZARDS

This product is toxic to fish. Do not apply directly to water, or to other areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water by cleaning of equipment or disposal of wastes. Apply this product only as specified on the label.

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## STORAGE AND DISPOSAL

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

**STORAGE:** Store in a cool, dry, locked area out of the reach of children. Protect from excessive heat. Keep container tightly closed in storage to prevent entry of water.

**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.

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## DIRECTIONS FOR COMMERCIAL USE

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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 applications. 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 workers entry into treated areas during the restricted entry interval (REI) of 4 hours.

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:

- Coveralls
- Chemical resistant gloves
- 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 and greenhouses.

Do not allow people (other than applicator) or pets on treatment area during application. Do not enter treatment areas until spray is dried.

### GENERAL INFORMATION

This insecticide's mode of action is through suffocation of eggs, larvae and nymphs of insects and adults of soft bodied insects. This mode of action necessitates total spray coverage. As a fungicide it interferes with the attachment of the pathogen to the host and acts as a suffocant. Use enough spray solution to completely penetrate the leaf canopy and cover both top and bottom of all of the leaves until wet without significant runoff. Most mature trees will require 20 to 500 gallons of spray solution per acre although citrus trees may require 15 to 1000 gallons spray solution per acre. Row crops generally require 20 to 100 gallons spray solution per acre.

This product controls a wide range of mite and insect pests in the egg stage such as: spider and eriophyid mites, armored and soft scales, mealy bugs, psyllids, whiteflies, aphids, leafrollers, leaf tiers, webworms, cankerworms, plant bugs, leafhoppers, and adelgids. This product will kill other immature forms if spray covers the insect.

**USE PRECAUTIONS** - Keep container tightly closed in storage. All horticultural oils interfere with or slow plant transpiration and respiration during periods of evaporation. Do not apply during periods of drought or when plants exhibit moisture stress.

**COMPATIBILITY** - SAF-T-SIDE is compatible with most commonly used insecticides and fungicides. Read and follow all precautions and limitations on labeling of all products used in tank mixtures. Do not use in combination with or immediately before or after spraying with fungicides such as captan, folpet, oxythioquinox (Morestan) or any other product containing sulfur. Also do not use with carbaryl (Sevin) or dimethoate (Cygon). Do not use with any product whose label recommends the use of no oils. Do not use in combination with NPK foliar fertilizer applications.

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

**TIMING THE TREATMENT** - You must determine the precise timing to fit local growth and climatic conditions. This product can be applied up to day of harvest.

**MIXING DIRECTIONS** - Add sufficient water to the mixing tank to allow proper agitation. Add the correct amount of SAF-T-SIDE to the tank. Maintain agitation until solution is used. If other pesticides are to be added, do so after SAF-T-SIDE has been thoroughly mixed.

**RATE RECOMMENDATIONS**

**VEGETABLE AND FIELD CROPS**

<b>CROP</b>	<b>PEST</b>	<b>APPLICATION RATE</b> Gallons per 100 Gallons Water	<b>TIME OF APPLICATION</b> (Stage of Development)
Asparagus Bean Cucumber Eggplant Melon Peanut Pepper Pumpkin Radish Squash Tomato	Aphids Beetle Larvae Leafhoppers Leaf Miners Mites Thrips Whiteflies	1-2	As Needed
Cabbage Cauliflower Celery Cole Crops Lettuce Onion	Aphids Leafhoppers Leaf Miners Loopers Mites Plant Bugs Thrips Whiteflies	1-2	As Needed
Corn (Sweet, Field, Seed) Popcorn Sugar Beet	Aphids Leaf Miners Mites Whiteflies	1-2	As Needed
Cotton	Aphids Bollworm eggs and larvae Leafhoppers Loopers Mites Plant Bugs Thrips Whiteflies	1-2	As Needed
Grasses grown for Seed	Mites Powdery Mildew Rust	1-2	As Needed
Hops	Aphids Powdery Mildew Mites Whiteflies	1-2	As Needed

**VEGETABLE AND FIELD CROPS CONTINUED**

<b>CROP</b>	<b>PEST</b>	<b>APPLICATION RATE</b> Gallons per 100 Gallons Water	<b>TIME OF APPLICATION</b> (Stage of Development)
Potato Sweet Potato	Aphids Leaf Miners Mites Whiteflies	1-2	As Needed
Tobacco	Leaf Miners Mites Whiteflies	1-2	As Needed

**GREENHOUSE / ORNAMENTALS**

<b>CROP</b>	<b>PEST</b>	<b>APPLICATION RATE</b> Gallons per 100 Gallons Water	<b>TIME OF APPLICATION</b> (Stage of Development)
Azalea Camellia Carnation Fuschia Gladiola Hibiscus Iris Lily Mums Orchids Poinsettia Rhododendron Rose Vines	Aphids Fungus Gnat Leaf Miners Mealy Bugs Mites Powdery Mildew Rust Scales Thrips Whiteflies	1-2	As Needed

**SHADE TREES, SHRUBS, ORNAMENTALS, FLOWER AND FOLIAGE PLANTS**

<b>CROP</b>	<b>PEST</b>	<b>APPLICATION RATE</b> Gallons per 100 Gallons Water	<b>TIME OF APPLICATION</b> (Stage of Development)
Conifers Foliage and Bedding Plants Shade Trees Shrubs	Aphids Black Spot Leaf Miners Mites Plant Bugs Powdery Mildew Psyllids Rust Sawfly Scales Whiteflies	1-2	As Needed

\***ORNAMENTAL PLANTS** - Oil might remove the glaucous (blue) bloom from such evergreens as Colorado Blue Spruce and Koster Spruce. Use with caution and reduced dosage for summer applications on Japanese Red Maple, Amur Maple and Black Walnut. Use with caution and reduced dosage for dormant application on Sugar Maple and Redbud.

**SMALL FRUITS**

<b>CROP</b>	<b>PEST</b>	<b>APPLICATION RATE</b> Gallons per 100 Gallons Water	<b>TIME OF APPLICATION</b> (Stage of Development)
Blueberries Caneberries Strawberry	Aphids Mites Powdery Mildew Rust Sawfly Scales Whiteflies	1-2	As Needed
Grape	Botrytis Leafhoppers Leaf Miners Mealybugs Mites Powdery Mildew Scales Whiteflies	1-2	As Needed

**TREE CROPS**

<b>CROP</b>	<b>PEST</b>	<b>APPLICATION RATE</b> Gallons per 100 Gallons Water	<b>TIME OF APPLICATION</b> (Stage of Development)
Almond Apricot Cherry Plum Prune	Aphids Fruit Tree Leaf Roller Mites Scales Whiteflies	1-2	As Needed
Apple (all varieties)	Aphids Bugs (including Apple Red Bug) Fruit Tree Leaf Roller Mites (including European Red Mite) Powdery Mildew Scales (hard, soft, Scurfy) Whiteflies	1-2	As Needed
Citrus*	Blackfly Greasy Spot Mites Scales (Glover, Chaff, Purple, Yellow, Red, Snow, Brown, Soft, and California Red) Sooty Mold Whiteflies	1-2	Fall Early Winter Post-bloom March-April
Nectarine Peach Pecan	Aphids Fruit Tree Leaf roller Mites Scales Whiteflies	1-2	As Needed
Pear (all varieties)	Aphids Fruit Tree Leaf Roller Mites (including Pear Leaf Blister Mite) Pear Psylla Powdery Mildew Scales Whiteflies	1-2	As Needed

\***CITRUS** - Oils applied after October may increase cold damage to trees; applied in August and September may affect solids content, retard color.

**TREE CROPS continued**

<b>CROP</b>	<b>PEST</b>	<b>APPLICATION RATE</b> Gallons per 100 Gallons Water	<b>TIME OF APPLICATION</b> (Stage of Development)
Avocado Banana Macadamia	Bugs Leafhoppers Scale Sigatoka Leafroller Thrips	1-2	As Needed
Fig Kiwi Olive Pistachio Walnut**	Aphids Mites Scales	1-2	As Needed

Walnut\*\* — Apply late spring to mid summer only. Do not apply after husk split.

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**CONDITIONS OF SALE**

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Seller's guarantee shall be limited to contents and merchantability of the product and the terms of the label and subject thereto. The buyer assumes any risks to persons or property arising out of use or handling. Because the time, place, rate of applications and other conditions of use are beyond seller's control, seller's liability from storage, handling and use of this product is limited to replacement of product or refund of purchase price.