

48813-1

5/18/2009

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

MAY 18 2009

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Ms. Vatren Jurin
Brandt Consolidated, Inc.
2935 South Koke Mill Road
Springfield, IL 62711

Subject: Label Revisions Per PR Notices 98-10, 2007-4 and 2008-1

Dear Ms. Jurin:

The Agency is in receipt of your Application(s) for Pesticide Notification under Pesticide Registration Notice (s) (PRN) 98-10, 2007-4 and 2008-1 dated April 3, 2009 for:

EPA Registration Number 48813-1

SAF-T-Oil

The Registration Division (RD) has conducted a review of this request for applicability under PRN 98-10, 2007-4 2008-1 and find that the label change(s) requested falls within the scope of PRN 98-10, 2007-4 and 2008-1. The label has been date-stamped "Notification" and will be placed in our records.

If you have any questions, at 703 305-5409 or electronically at daniel.dani@epa.gov

Sincerely,

Dani Daniel
Registration Division (7505P)
Insecticide/Rodenticide Branch

20f19



Registration
 Amendment
 Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number 48813-1	2. EPA Product Manager John Hebert	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) SAF-T-OIL	PM# Team 7	
5. Name and Address of Applicant (Include ZIP Code) Brandt Consolidated, Inc. 2935 South Koke Mill Road Springfield, IL 62711 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3)(b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

Section - II

Amendment - Explain below. Final printed labels in response to Agency letter dated _____
 Resubmission in response to Agency letter dated _____ "Me Too" Application.
 Notification - Explain below. Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Notification to add additional Hose/End Sprayer directions to Sublabel B - Non-Commercial/Residential Uses and to update Environmental Hazards, Storage & Disposal and to add a Batch No. to the label. See cover letter for PR Notice certification statements.

Section - III

1. Material This Product Will Be Packaged In:

Child-Resistant Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Type of Container <input type="checkbox"/> Metal <input checked="" type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____
* Certification must be submitted		If "Yes" Unit Packaging wgt. No. per container	If "Yes" Package wgt No. per container

3. Location of Net Contents Information
 Label Container

4. Size(s) Retail Container
pt., qt., 1, 2.5, 5, 30, 55 & 250 gals.

5. Location of Label Directions
 On Label

6. Manner in Which Label is Affixed to Product
 Lithograph Paper glued Stenciled Other _____

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)

Name Vatren Jurin	Title Technical Director	Telephone No. (Include Area Code) 800 442 9821 or 217 547 5800
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Certification
I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.

2. Signature

3. Title
Technical Director

4. Typed Name
Vatren Jurin

5. Date
4-9-09

6. Date Application Received (Stamped)

NOTIFICATION

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USEPA MASTER LABEL – SAF-T-OIL

MASTER LABEL

SAF-T-OIL

**ALTERNATE BRAND NAMES: SAF-T-SIDE
BRANDT SAF-T-SIDE
BRANDT SAF-T-OIL**

**Spray Oil Emulsion
Fungicide, Insecticide and Miticide**

Active Ingredient:	
Petroleum Oil	80.0%
Other Ingredients:	<u>20.0%</u>
Total:	100.0%

Unulfonated Residue of Petroleum Oil 92.0% min.

Sublabel A – Commercial/Agricultural Uses (Subject to the Worker Protection Standard)

Sublabel B – Non-Commercial/Residential Uses (Not Subject to the Worker Protection Standard)

EPA Reg. No. 48813-1

EPA Est. No. 48813-IL-1

Manufactured By:

[Space reserved for logo]

BRANDT CONSOLIDATED, INC.

2935 South Koke Mill Road • Springfield, IL 62711 • (800) 442-9821
www.brandtconsolidated.com

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SUBLABEL A – COMMERCIAL / AGRICULTURAL USE

[Space reserved for logo]

SAF-T-OIL

Spray Oil Emulsion Fungicide, Insecticide and Miticide

Active Ingredient:

Petroleum Oil.....	80.0%
Other Ingredients:.....	20.0%
Total	100.0%

Unulfonated Residue of Petroleum Oil..... 92.0% min.

EPA Reg. No. 48813-1

EPA Est. No. 48813-IL-1

NET CONTENTS: 2.5 Gallons, 5 Gallons, 30 Gallons, 55 Gallons & 250 Gallons

Manufactured By:

[Space reserved for logo]

BRANDT CONSOLIDATED, INC.
 2935 South Koke Mill Road, Springfield, IL 62711 • (800) 442-9821
 www.brandtconsolidated.com

KEEP OUT OF REACH OF CHILDREN CAUTION

FIRST AID	
If Swallowed:	<ul style="list-style-type: none"> • Immediately call a poison control center or doctor for treatment advice. • Do not induce vomiting unless told to do so by the poison control center or doctor. • Do not give ANY liquid to the person. • Do not give anything by mouth to an unconscious person.
If On Skin Or Clothing:	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.
If In Eyes:	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15-20 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:	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. • Call a poison control center or doctor for further treatment advice.
HOT LINE NUMBER	
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 treatment information.	
NOTE TO PHYSICIAN	
Contains petroleum distillate – do not induce vomiting since vomiting may pose aspiration pneumonia hazard.	

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if swallowed. Avoid breathing spray mists or vapors. Wash thoroughly with soap and water after handling. Avoid contamination of feed or foodstuffs.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

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 and 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 clean/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 and 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 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.

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 works on farms, forest, 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 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, 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 and greenhouses.

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

GENERAL INFORMATION

This insecticide’s mode of action is through suffocation of eggs, larvae and nymphs of insects and mites 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 of spray solution per acre. Row crops generally require 20 to 100 gallons of spray solution per acre. (Be sure to check with your equipment and local recommendations.)

USEPA MASTER LABEL – SAF-T-OIL

SAF-T-OIL 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. SAF-T-OIL will kill other immature forms if spray covers the insect.

USE PRECAUTIONS — 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-OIL 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, oxythiquinox (Morestan) or any 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-OIL to tank. Maintain agitation until solution is used. If other pesticides are to be added, do so after SAF-T-OIL has been thoroughly mixed.

RATE RECOMMENDATIONS

TREE CROPS

CROP	PEST	APPLICATION RATE Gallons of SAF-T-OIL per 100 Gallons of Water	TIME OF APPLICATION
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
Avocado Bananas Cocoa Coffee Macadamia Papaya	Bugs Leafhoppers Scales Sigatoka Leafroller Thrips	1-2	As Needed
Citrus *	Blackfly Greasy Spot Mites Scales (Glover, Chaff, Purple, Yellow, Red, Snow, Brown and California) Sooty Mold Whiteflies	1-2	Fall Early Winter Post-bloom March-April

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Hops	Aphids Leaf Roller Mites Powdery Mildew Scales Whiteflies	1-2	As Needed
Nectarines 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
Pineapple	Aphids Mealybugs Mites Scales	1-2	As Needed
Fig Kiwi Olive Pistachio Walnut **	Aphids Mites Scales	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.

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

VEGETABLE AND FIELD CROPS

CROP	PEST	APPLICATION RATE Gallons of SAF-T-OIL Per 100 Gallons of Water	TIME OF APPLICATION
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 Leafhopper Leaf Miners Loopers Mites Plant Bugs Thrips Whiteflies	1-2	As Needed

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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
Potato Sweet Potato	Aphids Leaf Miners Mites Whiteflies	1-2	As Needed
Tobacco	Leaf Miners Mites Whiteflies	1-2	As Needed

SMALL FRUITS

CROP	PEST	APPLICATION RATE Gallons of SAF-T-OIL Per 100 Gallons of Water	TIME OF APPLICATION
Bushberries 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

USEPA MASTER LABEL – SAF-T-OIL

SHADE TREES, SHRUBS, ORNAMENTALS, FLOWER AND FOLIAGE PLANTS

CROP	PEST	APPLICATION RATE Gallons of SAF-T-OIL Per 100 Gallons of Water	TIME OF APPLICATION
Conifers Flower, Foliage and Bedding Plants Ornamentals* 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 application on Japanese Red Maple, Amur Maple and Black Walnut. Use with caution and reduced dosage for dormant application on Sugar Maple and Redbud.

GREENHOUSE ORNAMENTALS

CROP	PEST	APPLICATION RATE Gallons of SAF-T-OIL Per 100 Gallons of Water	TIME OF APPLICATION
Azalea Camellia Carnation Fuchsia 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

STORAGE AND DISPOSAL

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

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

For liquid dilutable formulations in 274 gallon totes: (Waiting for finalized required statements for bulk truck tanks and railcars – requesting waiver)

CONTAINER HANDLING/DISPOSAL: Refillable container. Refill this container with pesticide only. Do not reuse this container for any other purpose. Pressure rinsing 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 percent 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.

For liquid dilutable formulations in 5 gallon or larger nonrefillable containers:

CONTAINER HANDLING/DISPOSAL: Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ 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. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure 2 more times. Offer for recycling or reconditioning if available, or puncture and dispose of in a sanitary landfill, or by incineration, or if allowed by state and

USEPA MASTER LABEL – SAF-T-OIL

local authorities, by burning. If burned, stay out of smoke.
For liquid dilutable formulations in nonrefillable containers small enough to shake (i.e., with capacities equal to or less than 5 gallons):
CONTAINER HANDLING/DISPOSAL: Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) 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 ½ 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.

BATCH NO. _____

CONDITIONS OF SALE

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.

SUBLABEL B – NON-COMMERCIAL/RESIDENTIAL USE

[Space reserved for logo]

SAF-T-OIL

Spray Oil Emulsion Fungicide, Insecticide and Miticide

ORNAMENTALS • VEGETABLES • CITRUS • SMALL FRUITS • TREE FRUITS & NUTS

Controls Aphids, Mites, Scales, Whiteflies and Other Soft-Bodied Insects

For use only in Home Fruit and Vegetable Gardens, Home Greenhouses, Interior Plantscapes,
Ornamental Gardens, Parks, Golf Courses and Public or Private Grounds

Active Ingredient:	
Petroleum Oil	80.0%
Other Ingredients:	20.0%
Total	100.0%
Unulfonated Residue of Petroleum Oil	92.0% min.

EPA Reg. No. 48813-1

EPA Est. No. 48813-IL-1

NET CONTENTS: 1 Quart, 1 Pint, 1 Gallon

Manufactured By:

[Space reserved for logo]

BRANDT CONSOLIDATED, INC.

2935 South Koke Mill Road • Springfield, IL 62711 • (800) 442-9821
www.brandtconsolidated.com

KEEP OUT OF REACH OF CHILDREN CAUTION

FIRST AID	
If Swallowed:	<ul style="list-style-type: none"> • Immediately call a poison control center or doctor for treatment advice. • Do not induce vomiting unless told to do so by the poison control center or doctor. • Do not give ANY liquid to the person. • Do not give anything by mouth to an unconscious person.
If On Skin Or Clothing:	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.
If In Eyes:	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15-20 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:	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. • Call a poison control center or doctor for further treatment advice.
HOT LINE NUMBER	
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 treatment information.	
NOTE TO PHYSICIAN	
Contains petroleum distillate – do not induce vomiting since vomiting may pose aspiration pneumonia hazard.	

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if swallowed. Avoid breathing spray mists or vapors. Avoid contamination of feed or foodstuffs. Applicators should wear long-sleeved shirt and long pants; shoes plus socks and chemical resistant gloves (such as barrier laminate or nitrile rubber, neoprene rubber, or viton). Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse. Keep all persons (other than applicator) and pets out of treated areas until sprays have dried.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does 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.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Apply this product only as specified on the label.

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

GENERAL INFORMATION

This insecticide's mode of action is through suffocation of eggs, larvae and nymphs of insects and mites 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 standard trees will require 3 to 4 gallons of spray solution per tree although citrus trees may require as much as 8 to 15 gallons of spray solution per tree. Fruits, vegetables, and ornamentals generally require 1 to 2 gallons of spray solution per 1,000 sq. ft.

SAF-T-OIL 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, leafhoppers, leafminers, webworms, cankerworms, plant bugs, leafhoppers and adelgids. SAF-T-OIL will kill other immature forms if spray covers the insect.

USE PRECAUTIONS — 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.

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 — SAF-T-OIL mixes readily with water. A pump up sprayer or trigger sprayer may be used. Fill the sprayer half full with water, add the appropriate rate of SAF-T-OIL and continue filling the sprayer. For best results, spray formulation should be mixed well and often.

RATE RECOMMENDATIONS

TREE FRUITS & NUTS

CROP	PEST	APPLICATION RATE Tbsp. of SAF-T-OIL per 1 Gallon of Water	TIME OF APPLICATION
Almond Apricot Cherry Plum Prune	Aphids Fruit Tree Leaf Roller Mites Scales Whiteflies	2.5-5.0	As Needed

USEPA MASTER LABEL – SAF-T-OIL

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	2.5-5.0	As Needed
Avocado Bananas Cocoa Coffee Macadamia Papaya	Bugs Leafhoppers Scales Sigatoka Leafroller Thrips	2.5-5.0	As Needed
Citrus *	Blackfly Greasy Spot Mites Scales (Glover, Chaff, Purple, Yellow, Red, Snow, Brown and California) Sooty Mold Whiteflies	2.5-5.0	As Needed
Nectarines Peach Pecan	Aphids Fruit Tree Leaf Roller Mites Scales Whiteflies	2.5-5.0	As Needed
Pear (all varieties)	Aphids Fruit Tree Leaf Roller Mites (including Pear leaf Blister Mite) Pear Psylla Powdery Mildew Scales Whiteflies	2.5-5.0	As Needed
Pineapple	Aphids Mealybugs Mites Scales	2.5-5.0	As Needed
Fig Kiwi Olive Pistachio Walnut **	Aphids Mites Scales	2.5 – 5.0	As Needed

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

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

USEPA MASTER LABEL – SAF-T-OIL

VEGETABLES

CROP	PEST	APPLICATION RATE Tbsp. of SAF-T-OIL Per 1 Gallon of Water	TIME OF APPLICATION
Asparagus Bean Cucumber Eggplant Melon Peanut Pepper Pumpkin Radish Squash Tomato	Aphids Beetle larvae Leafhoppers Leaf Miners Mites Thrips Whiteflies	2.5-5.0	As Needed
Cabbage Cauliflower Celery Cole Crops Lettuce Onion	Aphids Leafhoppers Leaf Miners Loopers Mites Plant Bugs Thrips Whiteflies	2.5-5.0	As Needed
Corn (Sweet) Popcorn Sugar Beet	Aphids Leaf Miners Mites Whiteflies	2.5-5.0	As Needed
Potato Sweet Potato	Aphids Leaf Miners Mites Whiteflies	2.5-5.0	As Needed

SMALL FRUITS

CROP	PEST	APPLICATION RATE Tbsp. of SAF-T-OIL Per 1 Gallon of Water	TIME OF APPLICATION
Bushberries (Blueberry, Currant, Elderberry, Gooseberry, Huckleberry) Caneberries (Blackberry, Loganberry, Raspberry) Strawberry	Aphids Mites Powdery Mildew Rust Sawfly Scales Whiteflies	2.5-5.0	As Needed
Grape	Botrytis Leafhoppers Leaf Miners Mealybugs Mites Powdery Mildew Scales Whiteflies	2.5-5.0	As Needed

USEPA MASTER LABEL – SAF-T-OIL

SHADE TREES, SHRUBS, ORNAMENTALS, FLOWER AND FOLIAGE PLANTS

USE SITES	PEST	APPLICATION RATE Tbsp. of SAF-T-OIL Per 1 Gallon of Water	TIME OF APPLICATION
Conifers Flower, Foliage and Bedding Plants Ornamentals* Shade Trees Shrubs	Aphids Black Spot Leaf Miners Mites Plant Bugs Powdery Mildew Psyllids Rust Sawfly Scales Whiteflies	2.5-5.0	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 application on Japanese Red Maple, Amur Maple and Black Walnut. Use with caution and reduced dosage for dormant application on Sugar Maple and Redbud.

HOME GREENHOUSE ORNAMENTALS

USE SITES	PEST	APPLICATION RATE Tbsp. of SAF-T-OIL Per 1 Gallon of Water	TIME OF APPLICATION
Azalea Camellia Carnation Fuchsia Gladiola Hibiscus Iris Lily Mums Orchids Poinsettia Rhododendron Rose Vines	Aphids Fungus Gnat Leaf Miners Mealy Bugs Mites Powdery Mildew Rust Scales Thrips Whiteflies	2.5-5.0	As Needed

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Store in a secure, locked area away from pets and out of the reach of children. Store only in original container and place in a locked storage area.

CONTAINER/PESTICIDE DISPOSAL: If empty: Nonrefillable container. Do not reuse or refill this container. Place in trash or offer for recycling if available. If partly filled: Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

BATCH NO. _____

CONDITIONS OF SALE

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.

USEPA MASTER LABEL – SAF-T-OIL

[OPTIONAL MARKETING STATEMENTS for Non-commercial/Residential Use portion of Master Label]

- A Paraffinic Horticultural Oil
- Controls Whiteflies
- Controls Whiteflies & Other Soft Bodied Insects
- Year-Round Usage — Dormant and Growing Season

[OPTIONAL MIXING DIRECTIONS for Non-commercial/Residential Use portion of Master Label]

MIXING DIRECTIONS — SAF-T-OIL mixes readily with water. A pump up sprayer, trigger sprayer or the provided ready-to-spray container may be used. If SAF-T-OIL comes packaged in a ready-to-spray container, see the "Ready-To-Spray Container Directions" below. **CAUTION:** The ready-to-use sprayer is for outdoor uses only.

Pump up or Trigger Sprayer Mixing Directions: Fill the sprayer half full with water, add the appropriate rate of SAF-T-OIL and continue filling the sprayer. For best results, spray formulation should be mixed well and often.

Ready-To-Spray Container Directions: These directions only apply if SAF-T-OIL is packaged in a ready-to-spray container. Shake container well before getting started.

1. Before you start, the blue flow switch should be in the "OFF" position, and the red flow switch should be in the up, "CLOSED" position.
2. Shake container well and attach it to your garden hose, while holding sprayer at waist level and pointing in a direction away from face and body.
3. Turn on the water from the faucet.
4. When you are ready to spray, turn the blue flow switch to "On" position; turn red flow switch to the forward, "OPEN" position; and begin spraying.
5. When you are finished spraying or if you have to stop spraying at any time, turn the blue flow switch back to the "OFF" position and the red flow switch to the "CLOSED" position.
6. Turn off the water at the faucet.
7. Remove the container from the garden hose; then rinse thoroughly and store according to Storage Instructions.

(Insert Hose-End Sprayer Graphic)

[OPTIONAL 2nd TYPE of Ready-To-Spray Container Directions for Non-Commercial/Residential Use portion of Master label.]

Ready-To-Spray Container Directions: These directions only apply if SAF-T-OIL is packaged in a ready-to-spray container. Shake container well before getting started.

1. Make sure knob is twisted fully clockwise to OFF position. Shake well before attaching to hose.
2. Turn Product Control Button clockwise until its point aligns with triangle; then push all the way in. Avoid squeezing bottle.
3. Turn water on at faucet, aim nozzle toward area to be sprayed and turn knob counter clockwise to begin spraying.
4. When finished, push Product Control Button to OFF position from opposite side. Return knob and faucet to OFF position.
5. Discharge water pressure by turning knob ON and OFF again.
6. Turn Product Control Button counter clockwise away from triangle to prevent accidental discharge.
7. Rinse container thoroughly and store according to Storage Instructions.

[OPTIONAL 3rd TYPE of Ready-To-Spray Container Directions for Non-Commercial/Residential Use portion of Master label.]**HOW TO USE THE READY-TO-SPRAY SYSTEM****CONNECT**

1. Shake well before using.
2. Connect sprayer to hose.
3. Turn on water.

SPRAY

1. Before spraying, point nozzle in the direction you want to spray.
2. [Bend small plastic tab back and] Turn knob [clockwise] to ON position.
3. Begin spraying.

FINISH

1. To stop spraying, [turn knob counter clockwise] to OFF position.
2. Turn off water.
3. Relieve water pressure by [bending plastic tab back and] turning knob to ON position until water slows to a drip. Then turn knob back to OFF position.
4. Disconnect sprayer from hose.