



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

OFFICE OF PREVENTION, PESTICIDES AND TOXIC SUBSTANCES

Robert S. Brennis  
Safer, Inc  
69 North Locust Street  
Lititz, PA 17543-0327

MAY 23 2005

Dear Mr. Brennis:

Subject: Labeling Amendment; "For Organic Gardening"  
Safer Brand 3-In-1 Concentrate  
EPA Registration No. 59913-13  
Submission Date: May 4, 2005

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable with the following provisions:

- 1) Within the "ACTIVE INGREDIENTS" portion of the label, revise the percent inert ingredients to read "81.14%".

A stamped copy is enclosed for your records. Please submit one (1) final printed copy for the referenced label, incorporating the above changes, before releasing the product for shipment. If you have any questions regarding this letter, please contact Kable Bo Davis at (703) 306-0415.

Sincerely yours,

Daniel C. Kenny  
Product Manager (01)  
Insecticide-Rodenticide Branch  
Registration Division (7505C)

Enclosure

DK: 306-0415: IRB/PM01

CONCURRENCES

BOL ▶	7505C							
SURNAME ▶	K. Davis							
DATE ▶	5/23/05							

ACCEPTED  
with COMMENTS  
In EPA Letter Dated:

MAY 23 2005

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

59913-13

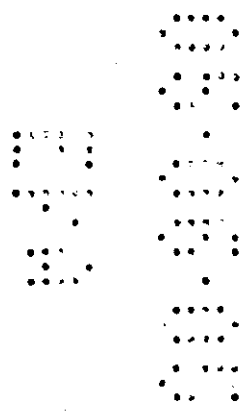
Master Label Amendment  
EPA Reg. No. 59913-13  
May 4, 2005  
Page 1 of 7

Notes to Reviewer:

[ ] denotes text that is optional on market labels.  
{*Italics*} denotes comments for reviewer

{FRONT PANEL-PAGE 1 of 1}

# SAFER<sup>®</sup> BRAND 3-In-1 CONCENTRATE



FOR ORGANIC GARDENING {Optional Logo}  
OMRI<sup>™</sup> LISTED {Optional Logo}

Controls POWDERY MILDEW, BLACK SPOT, LEAF SPOT and RUST On Fruits, Vegetables,  
Flowers and Foliage

Kills APHIDS, MEALYBUGS, MITES, WHITEFLIES AND OTHER LISTED PESTS On Roses,  
Flowers, Shade Trees and Ornamental Plants

[Additional Brand Names:]

### 3-In-1 Concentrate<sub>II</sub>- Safer<sup>®</sup> Brand

[Insect Killer or Kills Insects] [Fungus Killer or Kills Fungus or Controls Fungus] [Mite Killer or Kills Mites]  
[INSECT ILLUSTRATION] [FUNGUS ILLUSTRATION] [MITE ILLUSTRATION]

ACTIVE INGREDIENTS	BY WT.
Potassium Salts of Fatty Acids.....	12.38% <sup>†</sup>
Sulfur.....	6.48%
INERT INGREDIENTS.....	98.85%
TOTAL.....	100.00%

<sup>†</sup> Includes 9.07% as potassium oleate and 3.31% as potassium salts of other fatty acids

**KEEP OUT OF REACH OF CHILDREN**

## CAUTION

(See Back Panel For Additional Precautionary Statements)

NET CONTENTS (16 FL. OZ., 1 Pt; 32 FL. OZ., 1 Qt; 128 FL. OZ., 1 GALLON)

Master Label Amendment  
EPA Reg. No. 59913-13  
May 4, 2005  
Page 2 of 7

{BACK PANEL- PAGE 1 of 6}

**PRECAUTIONARY STATEMENTS:**

**CAUTION:** Causes moderate eye irritation. Avoid contact with eyes, skin or clothing. Wear protective clothing, gloves, goggles, face shield, or safety glasses while mixing. Wash thoroughly with soap and water after handling this product and before eating, drinking, chewing gum, or using tobacco. Remove and wash contaminated clothing before reuse.

**FIRST AID**

**If on skin:**

- 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:**

- 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.
- Call a poison control center or doctor for 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 contact 1-800-858-7378 for emergency medical treatment advice.**

**ENVIRONMENTAL HAZARDS:**

This product may be hazardous to aquatic invertebrates. Do not apply directly to water. Do not contaminate water by cleaning of equipment washwaters or disposal of rinsate.

**Keep unprotected persons out of treated areas until spray has dried!  
Read entire label before using!**

**GENERAL INFORMATION:**

Safer® Brand 3-In-1 Concentrate can be used to kill insect and mite pests and to prevent and control fungal disease. Safer® Brand 3-In-1 Concentrate contains sulfur and insect killing soap derived from natural fats and plant oils. Its formulation is gentle on most plants. Safer® Brand 3-In-1 Concentrate is designed to kill pests and create an environment where damaging fungi cannot live. It can be applied directly to fruits and vegetables right up to the day before harvest.

{BACK PANEL-Page 2 of 6}

**DIRECTIONS FOR USE:**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Master Label Amendment

EPA Reg. No. 59913-13

May 4, 2005

Page 3 of 7

**Safer® Brand 3-In-1 Concentrate can be applied with all types of hand or power sprayers. Read and carefully follow the instructions for the type of sprayer you use. Always shake well before using!**

**WHAT IT IS:** Safer® Brand 3-In-1 Concentrate provides three garden solutions in one: fungicide, insecticide and miticide. It kills garden insects and mites and controls fungal diseases. It contains a patented formulation to help reduce injury to most plants.

**WHAT IT CONTROLS:** Powdery mildew, black spot, leaf spot, and rust.

**WHAT IT KILLS:** Aphids, Beetles (leaf-feeding), Caterpillars (leaf-feeding), Crickets, Earwigs, Lace bugs, Leafhoppers, Mealybugs, Mites, Plant Bugs, Scale Crawlers, Thrips, and Whiteflies.

**WHERE TO USE IT:** Roses, Flowers, Shade Trees, Foliage Plants, Ornamentals, Beans, Peas, Broccoli, Cabbage, Cauliflower, Collards, Kale, Peppers, Strawberries, Apples, Pears, Citrus, Potatoes, Cucumbers, Squash, Grapes, Blackberries, Blueberries, Raspberries, Loganberries, Currants, Melons, and Tomatoes.

**HOW TO USE IT:** Apply in the morning or late evening. Shake Well. Use at first sighting of insects or infection. Thorough coverage of both top and bottom leaves is important. Spray leaves to the point of run off. Apply every 5 to 7 days when insects are present.

**USE CAUTIONS:** Some plants are susceptible to injury from sulfur under certain climatic conditions. DO NOT USE on delicate fern, apricots, filberts, stock, walnuts, nasturtium, sweet pea, violet, mountain ash, Japanese maple, horse chestnut, spinach, viburnum, newly planted cuttings, or plants stressed by drought. Do not apply when plants are in full sun or when temperature exceeds 90° F. Do not apply for at least 4 weeks following application of oil spray.

#### **FUNGICIDE USES:**

**SHAKE WELL.** For control of BLACK SPOT, LEAF SPOT, and RUST, mix 1 part concentrate to 15 parts water or 8 fl. oz. (16 TBS) per gallon. For POWDERY MILDEW mix 4 fl. oz. (8 TBS) per gallon of water. Place about half of the volume of water in sprayer, add concentrate, stir well, add rest of water and mix thoroughly. Run agitator on large tank sprayers. For coverage, see individual applications. Spray plants thoroughly to wet the upper and lower surfaces of foliage. Repeat as recommended.

To control powdery mildew, leaf spot, and rust on FLOWERS, FOLIAGE PLANTS & ORNAMENTALS spray at 7 to 10 day intervals or as needed. To control powdery mildew, black spot and rust on ROSES, spray at 7 to 10 day intervals or following rain.

Be sure to treat new growth & buds. Avoid spraying when plants are in full sun or temperature exceeds 85°F. Apply 1 gal of mix to each 350 sq. ft.

{BACK PANEL-Page 3 of 6}

To control powdery mildew on BEANS & PEAS, spray at first sign of disease & repeat at 7-day intervals as necessary. May be used up to day before harvest. Apply 1 gal. of mix to each 250 sq. ft. To control powdery mildew on APPLES & PEARS, apply to thoroughly wet foliage. Apply at pre-bloom stage or after petal fall as needed. **NOTE:** Some apple and pear varieties are sulfur sensitive; test for varietal sensitivity prior to full-scale treatment.

Master Label Amendment  
EPA Reg. No. 59913-13  
May 4, 2005  
Page 4 of 7

To control powdery mildew on POTATOES, spray before disease appears & repeat as necessary. Apply 1 gal. of mix to each 350 sq. ft. On CUCUMBERS and SQUASH, spray when powdery mildew appears & repeat as necessary. Do not spray young plants. Apply 1 gal. of mix to each 600 sq. ft.

To control *powdery mildew* on STRAWBERRIES, spray when disease appears and repeat as necessary. Do not spray young plants. Apply 1 gal. of mix to each 300 sq. ft. **NOTE:** Do not apply to strawberries that will be used for canning. May be used up to the day before harvest.

To control *powdery mildew* on GRAPES, thoroughly cover foliage. Begin when new shoots are 6-10 inches. Repeat before blooms open and at 14-day intervals as needed. **NOTE:** Do not apply to wine grapes within 21 days of harvest. Sulfur may damage concord and other labrusca varieties.

**INSECTICIDE & MITICIDE USES:**

[Shake well.] For best results, use freshly mixed solution. [Mix one part concentrate with 15 parts water, or 8.0 fl. oz. per gallon unless otherwise noted.] Use soft water whenever possible. Apply at first sighting of insects/mites. Thoroughly moisten top and bottom leaf surfaces where insects/mites are feeding or resting. Apply every 5 to 7 days when insects are present or as needed to prevent damage. **NOTE:** Do not use on new transplants, newly rooted cuttings or plants stressed by drought. Avoid application when temperature exceeds 90° F. Safer® Brand 3-In-1 Concentrate may be used up to and including day of harvest, and is useful as a component of Integrated Pest Management (IPM) programs.

{BACK PANEL-Page 4 of 6}

**Flower and Bedding Plants Growing Outdoors**, including foliage plants, roses and succulents. [Mix 8 fl. oz. (16 Tbsp) of concentrate per gallon of water.] Apply when insects appear. Take care to thoroughly wet all infested surfaces. A second application should be timed to control newly hatched young. Repeat weekly as needed up to three times. For **Earwigs** spray directly on insects after disturbing their hiding places. **NOTE:** Do not use on bleeding heart, gardenias, jade plant, lantana, lilies or sweetpeas. Some varieties of azaleas, begonias, camellias, fuchsias, gardenias and impatiens are soap sensitive [have shown sensitivity]. If wilting occurs within a few hours, rinse with clean water supply. Test on chrysanthemums for varietal sensitivity and do not apply to open blooms.

**Ornamental [Landscape] Trees and Shrubs:** [Mix 8 fl. oz. (16 Tbsp) of concentrate per gallon of water.] To control the crawler stage of **Adelgids, Psyllids and Scales**, spray to wet bark surface when infestation warrants. For **Mites**, be sure to wet underside of leaves and needle sheaths. **NOTE:** Do not apply to chestnut, Japanese maple, mountain ash or Colorado blue spruce. Do not apply to ornamentals stressed by drought or when tender new foliage is present. [Do not apply to evergreens during drought or when tender new foliage is present. Do not apply when temperature exceeds 90°F. Test on Arborvitae, Eugenia and Euonymus for varietal and drought sensitivity. Safer® Brand 3-In-1 Concentrate may result in the temporary removal of the glaucous bloom from spruces.]

**Vegetables Growing Outdoors:** Mix one part concentrate to 15 parts water or 8 fl.oz. per gallon. [Mix 8 fl. oz. (16 Tbsp.) of concentrate per gallon of water.] Apply when insects [or **Mites**] first appear or when damage [first] occurs. Spray to wet all infested plant surfaces. [One gallon of spray covers

Master Label Amendment  
EPA Reg. No. 59913-13  
May 4, 2005  
Page 5 of 7

approximately 850 sq. ft. of growing area.] Application rate will vary according to size and growth form of plants. For most pests, repeat application after several days to eliminate newly hatched individuals. Repeat at weekly to biweekly intervals up to three times. [Do not make more than 3 sequential applications over a two-week period.] Use up to the day before harvest. [May be used up to day of harvest.] [Note: Do not apply during heat of day or when temperature exceeds 90°F.]

{BACK PANEL-Page 5 of 6}

**Root and Tuber Vegetables:** Including carrot, potato, radish and sugar beet to suppress aphids, and to control leafhoppers, plant bugs and whiteflies. Use up to day of harvest.

**Bulb Vegetables:** Including onion and garlic to suppress thrips. Use up to day of harvest.

**Brassica (Cole) Leafy Vegetables:** Including broccoli, Brussels sprouts, cabbage, Chinese cabbage (bok choy) and kale to control leafhoppers, plant bugs and whitefly and to suppress aphids. Use up to day of harvest.

**Leafy Vegetables:** Including lettuce, celery, and spinach to control whitefly and mites and to suppress aphids. Use up to day of harvest.

**Legume Vegetables:** Including beans, peas and soybeans to control aphids, grasshoppers, whiteflies and spider mites. Use up to day of harvest.

**Fruiting Vegetables:** Including tomatoes, peppers and eggplant to control spider mites and whitefly and to suppress aphids. Use up to day of harvest.

**Cucurbit Vegetables:** Including cucumber, summer squash and melon to control plant bugs and whitefly and to suppress aphids and mites. Use up to day of harvest. Always apply to cucumbers at night or during the coolest part of the day.

**Herbs and Spices:** Including basil, chives, dill, marjoram, and sage to control whitefly and to suppress aphids and mites. Use up to day of harvest.

**Fruits and Nuts:** [Mix 8 fl. oz. (16 Tbsp.) of concentrate per gallon of water.] Spray when insects first appear or to prevent damage. [Spray when insects first appear or when their population attains spray level.] Apply to achieve thorough coverage of infested foliage and/or branches. Repeat at weekly intervals as needed. Avoid spraying when blossoms are present. Use up to day of harvest.

**Citrus Fruits:** Including lemons, sweet orange and grapefruit to control aphids, cottony cushion scale, black scale, red scale and mites. Use up to day of harvest. Note: Some marking of fruit may occur, especially when spray run-off occurs or when sooty mold is present.

**Pome Fruits:** Including apple and pear to control leafhoppers, scale crawlers, pear psylla, pear slug (*Tenthredinidae*) and to suppress aphids and mites. Use up to day of harvest. Note: Spray may cause

Master Label Amendment  
EPA Reg. No. 59913-13  
May 4, 2005  
Page 6 of 7

localized marking of some varieties, particularly apple varieties such as Red and Golden Delicious, Gravenstein, and pear varieties such as d'Anjou, Comice and Asian.

{BACK PANEL- Page 6 of 6}

**Stone Fruits:** Including cherry, peach and plums to control scale insects and suppress aphids and mites. Use up to day of harvest. Note: Spray may cause localized spotting of nectarines and remove waxbloom from plums.

**Small Fruits and Berries:** Including blackberry, coffee, cranberry, grape and strawberry to control leafhoppers, mealybugs, scales and whitefly and to suppress aphids and mites. Use up to day of harvest. Note: Do not spray grapes during the period between the start of blooming and 2 to 3 days post shatter.

**Tree nuts:** Including almonds, English walnuts and pecans to control scale crawlers and to suppress aphids and mites. Use up to day of harvest.

#### STORAGE & DISPOSAL

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

**Storage:** Store in a cool dry area away from heat or open flame and inaccessible to children. Keep from freezing.

**Disposal:**

**If empty:** Do not reuse this container. Place in trash or offer for recycling if available.

**If partly filled:** Call your local solid waste agency or 800-CLEANUP for disposal instructions. Never place unused product down any indoor or outdoor drain.

Woodstream Corporation and its subsidiaries will not accept liability for injury or damage resulting from product use not in accordance to label instruction. For information on this pesticide product (including health concerns, medical emergencies, or pesticide incidents), call the National Pesticide Information Center at 1-800-858-7378.

Distributed by:

Safer, Inc.,

A wholly owned subsidiary of Woodstream Corporation

69 North Locust Street

Lititz, PA 17543

[www.saferbrand.com](http://www.saferbrand.com)

(800) 800-1819 (717) 626-2125

EPA Reg. No. 59913-13

EPA Est. No. 44616-MO-001

© Copyright 2005 Woodstream Corporation

Master Label Amendment  
EPA Reg. No. 59913-13  
May 4, 2005  
Page 7 of 7

US PATENT # 5,093,124  
Made in U.S.A.

*{Optional Marketing Claims}*

Patented formula is now even gentler on most plants  
Multipurpose spray contains 3 garden solutions in one!  
Home Lawn & Garden Solutions for Pest Control since 1976  
Effective  
Water-based  
Contains Insecticidal Soap  
Contains Insect Killing Soap  
Made with soaps derived from natural fats and plant oils and elemental sulfur  
Gentle on most plants  
Highly effective  
Multi-Purpose formula encompasses 3 solutions in 1!  
Patented formula reduces injury to most plants.  
All in one formula contains fungicide, miticide and insecticide.  
Fungicide, miticide and insecticide- all in one!  
All in one garden treatment  
Be Responsible!  
3 garden solutions in one spray!  
Organic Gardening the Safer® Brand Way!  
Fungicide  
Controls Powdery Mildew, Black Spot and Rust  
Insecticide  
Controls Aphids, Mealybugs, Caterpillars & other insect pests.  
Miticide  
Controls Spider Mites, Red Mites & other mite pests.  
Controls all stages of mites.  
Controls all stages of mites including eggs.