

42697-1

12/10/2002

4/7

DEC 10 2002

Nathan P. Ehresman  
 Woodstream Corporation  
 69 North Locus Street  
 Lititz, PA 17543

Dear Mr. Ehresman:

Subject: Revised Labeling - Updated First Aid and Disposal Sections  
 Safer Brand Insecticidal Soap Concentrate  
 EPA Registration No. 42697-1  
 Your Submission Dated December 3, 2002

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) Add the statement "Harmful if inhaled or absorbed through skin" so that it appears as the third sentence within the Precautionary Statements.
- 2) Please note that the First Aid statements should appear in a box or otherwise differentiated from the rest of the label text.

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.

Sincerely yours,

Daniel C. Kenny  
 Product Manager (04)  
 Insecticide-Rodenticide Branch  
 Registration Division (7505C)

Enclosure

DK:305-7546:1RB:PM04

		CONCURRENCES						
SYMBOL	7505C							
SURNAME	D. KENNY							
DATE	12/10/02							

**SAFER® INSECTICIDAL SOAP CONCENTRATE**

[Additional Brand Names]

- Safer® Brand Insecticidal Soap Multi-Purpose Insect Killer Concentrate*
- Safer® Brand Houseplant Insecticidal Soap Concentrate*
- Safer® Brand Houseplant Insect Killing Soap Concentrate*
- Safer® Brand Insect Killing Soap Concentrate*
- Safer® Brand Insect Killer Concentrate*
- Safer® Brand Multi-Purpose Insect Killing Soap Concentrate*
- Safer® Brand Multi-Purpose Insect Killer Concentrate*

Kills Aphids, Mealybugs, Mites, Whiteflies, and other listed pests (*see back panel*) on foliage plants, flowers, shrubs, trees, fruits, vegetables and nuts in and around homes and greenhouses.

ACTIVE INGREDIENT:	BY WT.
Potassium Salts of Fatty Acids.....	49.52 %
OTHER INGREDIENTS:.....	<u>50.48 %</u>
TOTAL.....	100.00 %

**Keep out of Reach of Children**

**WARNING**

See back panel for additional Precautionary Statements and First Aid

Net contents:

- 8 fl. oz.
- 16 fl. oz.
- 1 quart (32 fl. oz.)
- 1 gallon (128 fl. oz.)

ACCEPTED  
with COMMENTS  
In EPA Letter Dated:  
DEC 10 2002  
Under the Federal Insecticide,  
Fungicide, and Rodenticide Act,  
as amended, for the pesticide  
registered under EPA Reg. No.  
42697-1

**PRECAUTIONARY STATEMENTS**  
Hazards to Humans and Domestic Animals

**WARNING:** Causes substantial, but temporary eye injury. Causes skin irritation. Do not get on skin, in eyes or on clothing. Wear goggles or safety glasses. Wash thoroughly with soap and water after handling. Remove and wash contaminated clothing before

reuse.

### FIRST AID

#### 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 eye.
- Call a poison control center or doctor for treatment advice.

#### If on skin or clothing:

- 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 inhaled:

- 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.

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.

### ENVIRONMENTAL HAZARDS

This product may be hazardous to aquatic invertebrates. For terrestrial uses, 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 rinsate.

### PHYSICAL OR CHEMICAL HAZARDS

Flammable. Keep away from heat and open flame.

### STORAGE AND DISPOSAL

Do not contaminate water, feed or foodstuffs by storage and disposal.

**STORAGE:** Store only in original container in a cool, dry area inaccessible to children and pets. Do not store full or partial containers in direct sunlight. Keep container tightly sealed when not in use.

*MASTER LABEL- BACK PANEL (Page 2 of 5)*

#### 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.

For control of Adelgids, Aphids, Earwigs, Grasshoppers, Lacebugs, Mealybugs, Mites, Plant Bugs, Psyllids, Sawfly Larvae, Scales, Tent Caterpillars, Thrips, Whiteflies, Woolly Aphids, and other listed pests.

### DIRECTIONS FOR USE

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

This product can be applied with all types of hand or power sprayers. Read and carefully follow the instructions for the type of sprayer you use.

[Shake well.] For best results, use freshly mixed solution. [Mix one part concentrate with 50 parts water, or 2.5 fl. oz. per gallon unless otherwise noted.] Use soft water whenever possible. **NOTE:** Do not use on new transplants, newly rooted cuttings or plants stressed by drought. Avoid application when temperature exceeds 90° F. Safer® Insecticidal Soap Concentrate may be used up to and including day of harvest, and is useful as a component of Integrated Pest Management (IPM) programs.

**Indoor Plants:** [Mix one part concentrate with 50 parts water or 2.5 fl. oz. (5 Tbsp) of concentrate per gallon of water.] Apply when insects or signs of their damage appear. Take care to thoroughly wet all surfaces of infested foliage and branches. For **Aphids**, examine plants after two days and spray again if needed. For other pests, spray weekly [7-10 day intervals] as needed up to three times. Do not make repeated sprays at short intervals without thoroughly rinsing foliage. For **Blossom Thrips** on African violets, spray to contact thrips on the blooms. **Root Mealybugs** and **Springtail** infestations can be reduced using a soil drench of one to two tablespoons of concentrate in a quart of tepid water applied monthly. **NOTE:** Do not use on Crown of Thorns and test other euphorbias for phytotoxicity before full-scale application. Do not use on dracaena, delicate ferns, dieffenbachia, ornamental ivies, palms or succulents without testing.

**Flower and Bedding Plants Growing Outdoors and in Home Greenhouses,** including foliage plants, roses and succulents. [Mix 2.5 fl. oz. (5 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, fuschias, 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.

*MASTER LABEL- BACK PANEL (Page 3 of 5)*

**Ornamental [Landscape] Trees and Shrubs:** [Mix 2.5 fl. oz. (5 Tbsp) of concentrate per gallon of water.] To control the crawler stage of **Adelgids, Phyllids** and **Scales**, spray to wet bark surface when infestation warrants. For **Mites**, be sure to wet underside of leaves and needle sheaths. For **Tent Caterpillars**, mix [use] 4 fl. oz. [(8 tablespoons)] per gallon [of water] and spray directly on young larvae when congregated on outside of tent. **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® Insecticidal Soap Concentrate may result in the temporary removal of the glaucous bloom from spruces. ]

**Vegetables Growing Outdoors and In Home Greenhouses:** Mix one part concentrate to 50 parts water or 2.5 fl.oz. per gallon. [Mix 2.5 fl. oz. (5 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 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.]

**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.

*MASTER LABEL- BACK PANEL (Page 4 of 5)*

**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 2.5 fl. oz. (5 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 attain 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 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.

**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.

*MASTER LABEL- BACK PANEL (Page 5 of 5)*

Woodstream Corp. and its subsidiaries will not accept liability for damage or injury resulting from misuse. 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  
1-800-800-1812 for information

EPA Reg. No. 42697-1

EPA Est. No. 44616-MO-01      H      D      63416-MN-01  
Circled letter corresponds to first letter on lot number on label, or container side or bottom.

All ® Property of Woodstream Corporation

© Copyright 2002 Woodstream Corporation

Made in USA  
Printed in USA

MASTER LABEL- MARKETING CLAIMS (Page 1 of 1)

[Optional Marketing Claims]

*For use on indoor plants, flowers and bedding plants.*

*Kills aphids, mealybugs, mites, thrips, and other insects as listed.*

*For use on flowers, trees, shrubs, ornamentals, fruits, nuts and vegetables.*

*Kills aphids, mites, mealybugs, thrips, whiteflies, and other listed pests.*

*Kills aphids, mealybugs, whiteflies, and mites on foliage plants, flowers, shrubs, trees, vegetables, fruits and nuts in and around homes, and home greenhouses.*

*For fruits, vegetables, houseplants and ornamentals such as flowers, trees and shrubs.*

*Effectively controls Adelgids, Mealybugs, Tent Caterpillars, Aphids, Plant Bugs, Thrips,*

*Earwigs, Psyllids, Whitefly, Grasshoppers, Sawfly Larvae, Woolly Aphids, Lacebugs, Scales, Leafhoppers, Spider Mites.*

*Effective control on: Foliage Plants, Trees & Shrubs, Tree Nuts, Flowers, Fruits, Vegetables.*