

42697-60

02-25-2004

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U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (H7505)
401 "M" St., S.W.
Washington, D.C. 20460

EPA Reg. Number
42697-60

Date of Issuance
FEB 25 2004

Term of Issuance: Conditional

Name of Pesticide Product
Safer® Brand O-Insecticidal
Soap Concentrate

NOTICE OF PESTICIDE

Registration
 Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Nathan P. Ehresman
Regulatory Affairs Manager
69 N. Locust Street
Lintz PA. 17543-0327

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act:

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:

1. Revise the EPA Registration Number to read, "EPA Reg. NO. 42697-60".
2. Revise the Precautionary Statements to read as follows : "Causes skin irritation. Causes substantial but temporary eye injury. Harmful if absorbed through skin. Harmful if inhaled. Do not get on skin, eyes or on clothing. Avoid breathing spray mist. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove and wash contaminated clothing before reuses. Wear Protective eyewear (goggles, face shield, or safety glasses)."

Continued on Page 2...

Signature of Approving Official:

Date

Daniel C. Kenny, Product Manager (91)
Insecticide-Rodenticide Branch
Registration Division (7505C)

Notice of Reregistration (continued)
EPA Registration No. 42697-60

3. Submit one copy of the revised final printed label, incorporating the comments indicated above, before releasing the product for shipment.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec 6(e). Your release for shipment of the product constitutes acceptance of these conditions. A detailed product chemistry and acute tox reviews are also enclosed for your records

If you have any questions or comments about this letter, please contact Stephanie Nguyen at 703-605-0702.

Sincerely,



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

Enclosure

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MASTER LABEL- FRONT PANEL (Page 1 of 1)

ACCEPTED
with COMMENTS
In EPA Letter Dated:
FEB 25 2004
Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under EPA Reg. No
42697-60

SAFER® BRAND O- INSECTICIDAL SOAP CONCENTRATE

For Organic Production

[OPTIONAL LOGOS]



- 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.)

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PRECAUTIONARY STATEMENTS
Hazards to Humans and Domestic Animals:

WARNING: Causes substantial, but temporary eye injury. Causes skin irritation. Harmful if inhaled or absorbed through the skin. 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:	
<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. 	<ul style="list-style-type: none"> Remove
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 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. 	
<p>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.</p>	

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.

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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. **NOTE:** **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.

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, Psyllids 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.

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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.

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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-(not yet assigned)
EPA Est. No. 44616-MO-01

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Made in USA
Printed in USA



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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.*