



U.S. ENVIRONMENTAL PROTECTION AGENCY  
 Office of Pesticide Programs  
 Registration Division (H7505C)  
 401 "M" St., S.W.  
 Washington, D.C. 20460

EPA Reg. Number  
 42697-59

Date of Issuance  
 FEB 27 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  
 Lititz 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. 42697-59".
2. Within one year of the date of this notice, submit one year storage stability (830.6317) study and corrosion characteristics data (830.6320).

Continued on Page 2...

Signature of Approving Official:

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

Date:

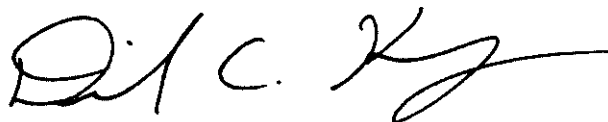
Notice of registration (continued)  
EPA Registration No. 42697-59

3. Submit one copy of the revised final printed label, incorporating 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

EPA Reg. No. 042697-LO  
Draft Master Label  
January 28, 2004  
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MASTER LABEL- FRONT PANEL Page 1 of 1

# SAFER® BRAND O-INSECT KILLER

ACCEPTED  
with COMMENTS  
In EPA Letter Dated:

FEB 27 2004  
Under the Federal Insecticide,  
Fungicide, and Rodenticide Act,  
as amended, for the pesticide  
registered under EPA Reg. No.  
42097-57

For Organic Production [Optional Logo]



[Optional Logo]

- Kills Aphids, Mealybugs, Mites, Whiteflies, and other listed pests (*see back panel*) on ornamental plants, fruits and vegetables grown in and around the home.
- Gentle on Plants
- For use in and around the home
- For Indoor and Outdoor Uses
- Shake Well
- Ready-To-Use [Spray]

ACTIVE INGREDIENT:	BY WT.
Potassium Salts of Fatty Acids.....	2.00%
OTHER INGREDIENTS:.....	<u>98.00%</u>
Total.....	100.00%

**KEEP OUT OF REACH OF CHILDREN**  
**See back panel for additional Precautionary Statements**

Net contents: 8 fl. oz., 12 fl. oz., 16 fl. oz., 24 fl. oz., 64 fl. oz., 1 gallon (128 fl. oz.)

General:

Safer® Brand Insect Killer is a contact insecticide that provides rapid mortality of susceptible insects. Safer® Brand Insect Killer quickly penetrates the insect's body and disrupts the normal function of both cells and membranes. The net effect of this unique action is that the contents of the cells are lost and rapid death occurs. Safer® Brand Insect Killer is active only in the liquid state and only as a contact spray. No insecticidal activity should be expected once the solution has dried. As is common with most contact insecticides, Safer® Brand Insect Killer is effective on adult and immature stages of susceptible insects.

Safer® Brand Insect Killer is a pure soap consisting of 2.00% potassium salts of fatty acids manufactured by treating selected natural fatty acids with a potassium base. The other ingredients include a combination of water and alcohol, and contain no inorganic solvents.

*MASTER LABEL- BACK PANEL (Page 1 of 4)*

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

Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling.

**FIRST AID**

<b>If in eyes:</b>
<ul style="list-style-type: none"> <li>- 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.</li> <li>- Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If on skin or clothing:</b>
<ul style="list-style-type: none"> <li>- Take off contaminated clothing.</li> <li>- Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>- Call a poison control center or doctor for treatment advice.</li> </ul>
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. 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.

**STORAGE AND DISPOSAL**

**STORAGE:** Store only in original container in a cool, dry area inaccessible to children and pets. Protect from freezing and heat. Keep container tightly closed to prevent evaporation.

**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.

**DIRECTIONS FOR USE**

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

**SHAKE WELL.** To control Aphids, Earwigs, Grasshoppers, Leafhoppers, Mealybugs, Mites, Plant Bugs, Psyllids, Sawfly Larvae, Soft Scales, and Whiteflies on ornamental

*MASTER LABEL- BACK PANEL (Page 2 of 4)*

plants, fruits and vegetables, spray as provided to thoroughly wet all plant surfaces. Apply when insects or first signs of their damage appear. For aphids or mealybugs, spray again after 2 or 3 days or when insects return. For mites and whiteflies, spray weekly. Be sure to spray undersides of leaves where insects feed and rest. For other pests, apply spray directly to the insect. Root mealybug and springtail infestations can be reduced using a soil drench of 6.5 Tablespoons (19.5 teaspoons) of Safer® Brand Insect Killer in a quart of warm water once a month.

**SHAKE WELL.** To control APHIDS, MEALYBUGS, WHITEFLIES, SOFT SCALES and MITES on houseplants, spray as provided to thoroughly wet all plant surfaces. For APHIDS and MEALYBUGS, spray again after 2 or 3 days or when insects return. For MITES and WHITEFLIES, spray weekly. Do not use on euphorbias, gardenias or delicate ferns. NOTE: This spray is somewhat stronger than spray mixed as recommended from concentrate. Do not use on azaleas, begonias, camellias, fuschias, impatiens, jade plant or palms without first testing for varietal sensitivity.

Ornamentals: SHAKE WELL. Use as directed above. Do not use on Euphorbias, Gardenias, or delicate Ferns. For blossom thrips on African violets, spray to contact thrips on the blooms; root mealybug and springtail infestations can be reduced using a soil drench of one (1) tablespoon Safer ® Brand Insect Killer in a quart of warm water once a month. Note: This spray is somewhat stronger than spray mixed as recommended from concentrate. Do not use on azaleas, begonias, camellias, fuschias, impatiens, jade plants or palms without first testing for varietal sensitivity.

Fruits and Vegetables: SHAKE WELL. Cucurbits (Cucumber, Squash, Pumpkin, Melons) to control Aphids, Leafhoppers, Spider Mites, Squash Bug and Whiteflies. USE UP TO DAY OF HARVEST. Beans, Peas: to control Aphids, Leafhoppers, Grasshoppers and Spider Mites. USE UP TO DAY OF HARVEST. Cole Crops: (Cabbage, Broccoli, Brussels Sprouts, etc.) to control Aphids, Leafhoppers, and Harlequin Bug. USE UP TO DAY OF HARVEST. Tomatoes, Peppers, Eggplant: to control Aphids, Spider Mites and Whiteflies. USE UP TO DAY OF HARVEST.

**COVERAGE:**

- 8 oz. will treat approximately 5 plants, 2' high by 2' diameter.
- 12 oz. will treat approximately 8 plants, 2' high by 2' diameter.
- 16 oz. will treat approximately 10 plants, 2' high by 2' diameter.
- 24 oz. will treat approximately 15 plants, 2' high by 2' diameter, or 1 tree, 10' high by 4' diameter.
- 64 oz. will treat approximately 40 plants, 2' high by 2' diameter, or 3 trees, 10' high by 4' diameter.
- 1 gallon will treat approximately 80 plants, 2' high by 2' diameter, or 6 trees, 10' high by

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EPA Reg. No. 042697-LO  
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4' diameter.

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**WHAT IT IS:** Safer® Brand Insect Killer is a special formulation of insecticidal soap. This ingredient kills insects yet is gentle on plants with no unpleasant odor.

**WHAT IT KILLS:** Aphids, Earwigs, Grasshoppers, Harlequin Bug, Leafhoppers, Mealybugs, Mites, Plant Bugs, Psyllids, Sawfly Larvae, Soft Scales, Spider Mites, Squash Bugs, Blossom Thrips and Whiteflies.

**WHERE TO USE IT\*:** Roses, Flowers, Fruits, Vegetables, Houseplants, Trees, Shrubs and Ornamentals.

**HOW TO USE IT:** Shake well. Use at first sighting of insects or when their damage appears. Thorough coverage of all plant surfaces including both top and bottom leaves is important. Spray leaves to the point of run-off. **CAN BE USED UP TO THE DAY OF HARVEST.** Apply every 5 to 7 days when insects are present.

**\*DO NOT USE** on euphorbias, gardenias or delicate ferns. Test for varietal sensitivity on azaleas, begonias, camellias, fuschias, impatiens, jade plants and palms.

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-LO

EPA Est. No. 44616-MO-01

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Made in USA  
Printed in USA

EPA Reg. No. 042697-LO  
Draft Master Label  
January 28, 2004  
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*MASTER LABEL- BACK PANEL (Page 4 of 4)*

*[Optional Marketing Claims]*

*Improved Safer® Brand Formula!*

*Improved Safer® Brand Insect Killer contains a patented formulation to kill insects while helping to reduce injury to the plant.*

*Contains no unpleasant odor.*

*Improved Safer® Brand Insect Killer contains a patented formulation to gently kill insects, while helping to reduce injury caused by phytotoxicity.*

*No unpleasant odor.*

*Insect killing soap with Seaweed Extract*

*No unpleasant odor!*

*Safer® Brand Insect Killer is a special formulation of insecticidal soap. This ingredient kills insects yet is gentle on plants with no unpleasant odor.*