



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

APR 14 2003

Nathan P. Ehresman
Regulatory Affairs Coordinator
Safer, Inc./Woodstream Corporation
69 North Locust Street
Lititz, PA 17543-0327

Subject: EPA Reg. NO.: 42697-2
Safer ® Brand Insect Killer Ready-to-Use Spray
Characterization of Test Substance for MRID # 45717301 and 45717302
Submission Dated October 7, 2002

Dear Mr. Ehresman :

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

The Agency has noted various claims on the labeling that make references to this product as being "gentle" on plants. Either the appropriate data must be submitted to support any such claims, or the claims should be deleted from the labeling.

A stamped copy is enclosed for your records. Please submit one (1) copy of your final printed labeling before you release the product for shipment.

If you have any questions, please contact Stephanie Nguyen at 703-305-0702.

Sincerely,

A handwritten signature in black ink, appearing to read "Daniel C. Kenny".

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

Enclosure

ACCEPTED
with COMMENTS
In EPA Letter Dated:
APR 14 2003

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Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under EPA Reg. No.
42697-2

SAFER® BRAND INSECT KILLER
Ready to Use Spray

- 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

ACTIVE INGREDIENT:	BY WT.
Potassium Salts of Fatty Acids.....	2.00%
OTHER INGREDIENTS:.....	98.00%
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.

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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

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 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.
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

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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 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

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Made in USA
Printed in USA

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[Optional Marketing Claims]

Improved Safer® Brand Formula!
Improved formula-gentler on plants
Patented Safer® Brand Formula
Patented formula is gentler on plants
Patented formula reduces phytotoxicity
Patented formula reduces injury to plants due to phytotoxicity
Patented formula is gentler on plants
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
Gentle on Plants!
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.