

42697-34

10-31-2002

1/5



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

OFFICE OF  
PREVENTION, PESTICIDES  
AND TOXIC SUBSTANCES

OCT 31 2002

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

Subject: EPA Reg. NO.: 42697-34  
Safer ® Brand Entire Insect Killer Concentrate  
Update of First Aid Statement per PR Notice 2001-1  
Update of Disposal Statement per PR Notice 2001-6  
Update of Active Ingredient Statement per CSF approved on March 5, 1996  
Submission Dated July 15, 2002

Dear Mr. Ehresman :

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

A stamped copy is enclosed for your records. Please submit one (1) final printed copy for the above mentioned label before releasing the product for shipment.

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

Sincerely yours,

A handwritten signature in black ink that reads "Stephanie Nguyen".

Stephanie Nguyen  
Insecticide-Rodenticide Branch  
Registration Division (7505C)

Enclosure

ACCEPTED  
OCT 31 2002

2/5

MASTER LABEL - FRONT PANEL (Page # 1 of 1)

SAFER® BRAND ENTIRE INSECT KILLER CONCENTRATE

ACTIVE INGREDIENTS	BY WT.
Pyrethrins .....	0.20%
Potassium salts of fatty acids .....	20.00%
OTHER INGREDIENTS .....	79.80%
TOTAL .....	100.00%

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

42697-34

KEEP OUT OF REACH OF CHILDREN  
CAUTION

EPA Reg. No 42697-34 EPA Est. No. 44616-MN-001

NET CONTENTS 16 FL.OZ.; 1 Gallon; 2.5 Gallons; 30 Gallons

PRECAUTIONARY STATEMENTS:

Hazards to humans and domestic animals:

CAUTION: Harmful if absorbed through skin. Causes moderate eye irritation. Avoid contact with skin, eyes or clothing. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash 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.

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.

ENVIRONMENTAL HAZARDS: This product is toxic to fish. 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 when disposing of equipment washwaters or rinsate. Cover fish aquaria before spraying adjacent area.

Personal Protective Equipment:

WPS USES: Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category C on an EPA chemical resistance category selection chart.

Applicators and other handlers of the diluted product must wear:

Clothing that avoids exposure of bare skin to product including long pants, long-sleeved shirt, socks, shoes, and protective gloves. Protective eyewear should be used for overhead exposure.

Mixers and loaders of the concentrate product must wear:

Coveralls over short-sleeved shirt and short pants  
Chemical-resistant gloves such as barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, polyvinyl chloride, viton.  
Chemical-resistant footwear plus socks  
Protective eyewear  
Chemical-resistant headgear for overhead exposure  
Chemical-resistant apron when cleaning equipment, mixing or loading

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

User Safety Recommendations

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

NON-WPS USES: Applicators and other handlers who handle this pesticide for any use NOT covered by the Worker Protection Standard (40 CFR Part 170)— in general, only agricultural-plant uses are covered by the WPS—must wear: clothing that avoids exposure of bare skin to product including long pants, long sleeves, shoes, and protective gloves. Goggles should be used for overhead exposure.

STORAGE & DISPOSAL:

Storage: Store at room temperature or colder, in original container only, out of reach of children and animals. Do not store full or partial container in direct sunlight. Keep container tightly sealed. (Protect from freezing. If frozen, thaw and shake well.)

[Commercial Use] Pesticide Disposal: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

[Commercial Use] Container Disposal: Do not reuse empty container. Triple rinse, then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill or by incineration, if allowed by state and local authorities. If burned, stay out of smoke.

[Residential Use] 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.

MASTER LABEL- BACK PANEL (Page # 1 of 3)

[Residential Products] GENERAL INFORMATION:

KILLS:

BETTER, CATERPILLARS, APHIDS, WHITEFLY, SAWFLIES, SCALES, (SPIDER) (RED) MITES, MEALYBUGS, THRIPS, WASPS, HORNETS, ANTS, SOWBUGS, EARWIGS, AND OTHER LISTED PESTS.

USE ON HOUSEPLANTS, FLOWERS, HERBS, BERRIES, FRUITS AND VEGTABLES, SHADE TREES, AND EVERGREENS, ORNAMENTALS, CACTI, AND SUCCULENTS GROWN AIN AND AROUND HOMES AND HOME GREENHOUSES AND OTHER INTERIOR PLANTINGS.

**[Residential Products] DIRECTIONS FOR USE:**

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

**SHAKE WELL BEFORE USING.** Always use freshly mixed solution. Use soft water whenever possible. Use with caution on new tender foliage and avoid spraying plants in full sun. For plant use mix one part concentrate to twenty parts water or 5 fl. oz. (10 Tbs. per gallon of water).

**VEGETABLES:** Use as directed above on asparagus, beans, broccoli, Brussels sprouts, cabbage, kale and oriental vegetables, herbs, lettuce, eggplant, peppers, tomatoes, potatoes, cucumbers, melons, and squash to control (kill) ASPARAGUS BEETLES, BEAN BEETLES, COLORADO POTATO BEETLES, CUCUMBER BEETLES, FLEA BEETLES, CATERPILLARS (including CABBAGE LOOPERS, IMPORTED CABBAGEWORM, ARMYWORMS, HORNWORMS, DIAMOND BACK MOTH LARVAE), LEAF HOPPERS, PLANT BUGS, PSYLLIDS, APHIDS, (SPIDER) (RED) MITES, MEALYBUGS AND WHITEFLY.

**FRUITS AND NUTS:** Use as directed above on apples, avocados, citrus (grapefruit, lemons, oranges, tangerines), peaches, nectarines, blackberries, logan berries, raspberries, strawberries, and grapes to control (kill) JAPANESE BEETLES, FLEA BEETLES, WEEVIL ADULT CATERPILLARS (including NAVAL ORANGE WORM, BAGWORMS, LEAFTIERS, CODLING MOTH AND TENT CATERPILLARS), APHIDS, LEAFHOPPERS, PSYLLIDS, SCALE CRAWLERS AND SAWFLY LARVAE.

**LAWNS:** Use as directed above on lawns and turf grass to control (kill) CHINCH BUGS, LAWN MOTH, SOD WEBWORM, ARMY WORMS, and other miscellaneous pests.

**ORNAMENTAL TREES AND SHRUBS:** Use as directed above on ornamentals including azaleas, camellias, cacti, dogwood, rhododendrons, evergreens, and broad-leafed shade trees to control (kill) APHID, BEETLES, CATERPILLARS (including GYPSY MOTH LARVAE, TENT CATERPILLARS, WEBWORMS, BAGWORMS AND LEAFTIERS), LACE BUGS, BOX ELDER BUG, LEAFHOPPERS, PSYLLIDS, SAWFLIES, SCALES, (SPIDER) (RED) MITES, MEALYBUGS, THRIPS and WHOOLY APHIDS.

**CAUTION:** Do not use on horse chestnut, Japanese maple or mountain ash.

**FLOWERS:** Use as directed above on asters, carnations, chrysanthemums, geraniums, marigolds, petunias, and roses to control (kill) APHIDS, BEETLES (including FLEA BEETLES AND JAPANESE BEETLES), CATERPILLARS, PLANT BUGS AND WHITEFLY.

**CAUTION:** Do not spray blooms or partially open flower buds. Do not use on bleeding heart or gardenias. Test on fuschias and impatiens for varietal sensitivity.

**HOUSEPLANTS:** Use as directed above on houseplants to control (kill) APHIDS, CATERPILLARS, (SPIDER) (RED) MITES, MEALYBUGS, THRIPS, SCALES and WHITEFLY. Apply when insects or signs of damage are first sighted to thoroughly moisten all infested plant surfaces. Repeat treatment at 7 to 10 day intervals or as needed. **CAUTION:** Test on begonias, fuschias and impatiens for varietal sensitivity.

To control (kill) WASPS, HORNETS, ANTS, EARWIGS, TICKS, FLEAS, and SOWBUGS apply spray directly to the insects, their nests or their hiding places. **DO NOT USE DIRECTLY ON DOMESTIC ANIMALS OR PETS.**

**TO CONTROL (KILL) ADULT MOSQUITOS:**

Mix one part concentrate to forty parts water or 2.5 FL. OZ. PER GALLON OF WATER. Apply dilute spray in early morning to foliage where mosquitoes are resting or as a fine aerial application to evening flying adults.

**FOR USE ON PETS AND PREMISES (PET AREAS):** Mix one part concentrate with twenty parts water or 6 fl. oz. (12 Tbsp.) per gallon of water. Apply dilute spray to achieve thorough coverage of area infested with FLEAS, TICKS or LICE.

**TO CONTROL FLEAS, TICKS and LICE ON PETS:** Begin spraying at tail and progress quickly over the rest of the animal, being sure to cover the entire body including legs and feet. While spraying, fluff the fur so that spray can soak the animal. Repeat as necessary. **CAUTION:** Do not get spray in the animal's eyes, mouth or ears. Do not spray genital area. Do not spray nursing females or animals under six weeks of age. If animal shows signs of dermal irritation, discontinue use and bathe animal with a mild shampoo.

**TO CONTROL FLEAS, TICKS AND LICE ON PREMISES:** Thoroughly spray infested areas including pet bedding, favored resting places, nearby cracks and crevices, along baseboards, moldings, localized areas of flooring and floor coverings. Place clean bedding in pet's quarters and launder or air-dry sprayed bedding. Concurrent treatment of animals and premises will produce best results. Reapply every seven days to kill newly hatched individuals.

**COVERAGE:**

<u>Bottle size</u>	Gal. finished product @ 5 oz/gal.	Gal. finished product @ 2.5 oz/gal.	
8 fl. oz.	1.60 gal.	3.20 gal.	
16 fl. oz.	3.20 gal.	6.40 gal.	
32 fl. oz.	6.40 gal.	12.80 gal.	One (1) gallon of finished product will treat:
to 4" trunk)			- 1-2 trees, 10' high X 8' diameter (2"
64 fl. oz.	12.80 gal.	25.60 gal.	- 10-20 shrubs, 4' high X 4' diameter
1 gal. (128 fl. oz.)	25.60 gal.	51.20 gal.	- 60-80 plants, 2' high X 2' diameter
3 gal.	76.80 gal.	153.60 gal.	
5 gal.	128.00 gal.	256.00 gal.	
55 gal.	1408.00 gal.	2816.00 gal.	

**MASTER LABEL- BACK PANEL (Page # 2 of 3)**

**[Commercial Products] DIRECTIONS FOR USE:**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. For any requirement specific to your State or Tribe, consult the agency responsible for pesticide regulation.

**AGRICULTURAL USE REQUIREMENTS**

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE). The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 24 hours.

PPE required for early entry to treated area that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is Coveralls, chemical-resistant gloves, such as barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, polyvinyl chloride, or viton, shoes plus socks, and protective eyewear.

**SHAKE WELL BEFORE USING.** Always use freshly mixed solution. Use soft water whenever possible. Check compatibility of tank mix using a jar test with proportionate amounts of product and water before mixing in spray tank. Do not use this product in water with pH values above 8.0 unless a buffer solution is added to the water. If necessary, water should be buffered to neutral (pH=7.0) before adding this product to spray tank. Use with caution on new tender foliage, and avoid spraying plants in full sun. For plant use mix one part concentrate to twenty parts of 5 fl. oz. (10 Tbs. per gallon of water).

**VEGETABLES:** Use as directed above on asparagus, beans, broccoli, Brussels sprouts, cabbage, kale and oriental vegetables, herbs, lettuce, eggplant, peppers, tomatoes, potatoes, cucumbers, melons, and squash to control (kill) ASPARAGUS BEETLES, BEAN BEETLES, COLORADO POTATO BEETLES, CUCUMBER BEETLES, FLEA BEETLES, CATERpillARS (including CABBAGE LOOPERS, IMPORTED CABBAGEWORM, ARMYWORMS, HORNWORMS, DIAMOND BACK MOTH LARVAE), LEAF HOPPERS, PLANT BUGS, PSYLLIDS, APHIDS, (SPIDER) (RED) MITES, MEALYBUGS AND WHITEFLY.

**FRUITS AND NUTS:** Use as directed above on apples, avocados, citrus (grapefruit, lemons, oranges, tangerines), peaches, nectarines, blackberries, logan berries, raspberries, strawberries, and grapes to control (kill) JAPANESE BEETLES, FLEA BEETLES, WEEVIL ADULT CATERpillARS (including NAVAL ORANGE WORM, BAGWORMS, LEAFTIERS, CODLING MOTH AND TENT CATERpillARS), APHIDS, LEAFHOPPERS, PSYLLIDS, SCALE CRAWLERS AND SAWFLY LARVAE.

**TURFGRASS AND LAWNS:** Use as directed above on lawns and turf grass to control (kill) CHINCH BUGS, LAWN MOTH, SOD WEBWORM, ARMY WORMS, and other miscellaneous pests.

**ORNAMENTAL TREES AND SHRUBS:** Use as directed above on ornamentals including azaleas, camellias, cacti, dogwood, rhododendrons, evergreens, and broad-leaved shade trees to control (kill) APHID, BEETLES, CATERpillARS (including GYPSY MOTH LARVAE, TENT CATERpillARS, WEBWORMS, BAGWORMS AND LEAFTIERS), LACE BUGS, BOX ELDER BUG, LEAFHOPPERS, PSYLLIDS, SAWFLIES, SCALES, (SPIDER) (RED) MITES, MEALYBUGS, THRIPS and WHOOLY APHIDS. CAUTION: Do not use on horse chestnut, Japanese maple or mountain ash. Avoid spraying plants in full sun.

**FLOWERS:** Use as directed above on asters, carnations, chrysanthemums, geraniums, marigolds, petunias, and roses to control (kill) APHIDS, BEETLES (including FLEA BEETLES AND JAPANESE BEETLES), CATERpillARS, PLANT BUGS AND WHITEFLY. CAUTION: Do not spray blooms or partially open flower buds. Do not use on bleeding heart or gardenias. Test on fuschias and impatiens for varietal sensitivity.

**HOUSEPLANTS:** Use as directed above on houseplants to control (kill) APHIDS, CATERpillARS, (SPIDER) (RED) MITES, MEALYBUGS, THRIPS, SCALES and WHITEFLY. Apply when insects or signs of damage are first sighted to thoroughly moisten all infested plant surfaces. Repeat treatment at 7 to 10 day intervals or as needed. Do not use on Crown of Thorns, jade plant or delicate Ferns. Test on fuschias and impatiens for varietal sensitivity.

To control (kill) WASPS, HORNETS, ANTS, EARWIGS, TICKS, FLEAS, and SOWBUGS apply spray directly to the insects, their nests or their hiding places. DO NOT USE DIRECTLY ON DOMESTIC ANIMALS OR PETS.

**TO CONTROL (KILL) ADULT MOSQUITOS:**

Mix one part concentrate to forty parts water or 2.5 FL. OZ. PER GALLON OF WATER. Apply dilute spray in early morning to foliage where mosquitoes are resting or as a fine aerial application to evening flying adults.

**COVERAGE:**

Bottle size	Gal. finished product @ 5 oz/gal.	Gal. finished product @ 2.5 oz/gal.	
8 fl. oz.	1.60 gal.	3.20 gal.	One (1) gallon of finished product will treat: - 1-2 trees, 10' high X 8' diameter (2" to 4" trunk)
16 fl. oz.	3.20 gal.	6.40 gal.	
32 fl. oz.	6.40 gal.	12.80 gal.	- 10-20 shrubs, 4' high X 4' diameter
64 fl. oz.	12.80 gal.	25.60 gal.	
1 gal. (128 fl. oz.)	25.60 gal.	51.20 gal.	- 60-80 plants, 2' high X 2' diameter
3 gal.	76.80 gal.	153.60 gal.	
5 gal.	128.00 gal.	256.00 gal.	
55 gal.	1408.00 gal.	2816.00 gal.	

*Exclusionary statement for commercial size products being used by golf courses, and not commercially: (Required WPS statements would come off and First Aid would move under Precautionary Statements)*

NOT FOR USE ON PLANTS BEING GROWN FOR SALE OR OTHER COMMERCIAL USE, OR FOR COMMERCIAL SEED PRODUCTION, OR FOR RESEARCH PURPOSES. FOR USE ON PLANTS INTENDED FOR AESTHETIC PURPOSES OR CLIMATIC MODIFICATION AND BEING GROWN IN ORNAMENTAL GARDENS OR PARKS, OR ON GOLF COURSES OR LAWNS AND GROUNDS.

**KILLS:**

BEETLES, CATERpillARS, APHIDS, WHITEFLY, SAWFLIES, SCALES, (SPIDER) (RED) MITES, MEALYBUGS, THRIPS, WASPS, HORNETS, ANTS, SOWBUGS, EARWIGS, AND OTHER LISTED PESTS.

ON COMMERCIAL INTERIOR PLANTINGS, FLOWERS, HERBS, BERRIES, FRUITS AND VEGETABLES, SHADE TREES, EVERGREENS, ORNAMENTALS, GROWN IN AND AROUND GREENHOUSES.

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

Made In USA

Distributed by:  
Safer®, Inc., a wholly owned subsidiary of  
Woodstream Corporation  
69 N. Locust St  
Lititz, PA 17543  
(717) 626-2125

**Optional Marketing Claims:**

Kills Insects on Contact (See back panel)  
For Use on Flowers, Vegetables, Ornamentals & Shrubs

Use Up To Day of Harvest  
Kills aphids, whiteflies, scales (spider) (red) mites, mealybugs, thrips and other listed pests.  
For use on houseplants, flowers, herbs, ornamentals, fruits and vegetables grown in and around homes and home greenhouses and other interior plantings  
For use in and around homes and home greenhouses and other interior plantings.  
Quick knock-down  
Reliable  
Kills (bugs) (insects) on contact (See back panel)  
Kills Japanese Beetles on Contact  
Fresh Scent  
Use up to day of harvest  
Gentle on plants  
Dual killing action  
Made with botanical pyrethrins from *Chrysanthemum* flowers  
Broad-spectrum insect killer  
Indoor and outdoor  
Multi-Purpose  
Broad Spectrum  
Dual Action  
Water based  
16 fl. oz. makes over 3 gallons.