

PM 23 42697-7 5-22-97

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MAY 22 1997

Ms. Elizabeth L. Neslund  
 Safer, Inc.  
 9555 James Ave. S., Suite 200  
 Bloomington, MN 55431

Dear Ms. Neslund:

SUBJECT: Label Amendment, Revising Signal Word and Precautionary  
 Statements  
 Safer Brand Moss and Algae Killer Concentrate  
 EPA Registration No. 42697-7  
 Your Application Dated April 8, 1997

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable provided you make the following changes:

1. Revise the paragraph under "Hazards to humans and domestic animals" to read:

"WARNING: Causes substantial but temporary eye injury. Causes skin irritation. Harmful if inhaled or absorbed through skin. Do not get in eyes, on skin or on clothing. Avoid breathing spray mist or vapor. Wear goggles or safety glasses. Wash thoroughly with soap and water after handling. Remove and wash contaminated clothing before reuse."

2. Revise the oral statement of practical treatment to read as follows:

"If swallowed: Call a doctor or get medical attention. Do not induce vomiting. Drink promptly a large quantity of milk, egg whites, gelatin solution, or if these are not available, drink large quantities of water. Avoid alcohol."

3. Add the following inhalation statement of practical treatment:

"If inhaled: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention."

RD:STANTON:PM Team 23:Rm. 235:CM-2:305-5218:Disk #5:S523776.LET

CONCURRENCES

SYMBOL ▶	7505C						
SURNAME ▶	S. Stanton						
DATE ▶	May 21, 1997						

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4. Add the following "Note To Physician" in close proximity to but clearly distinguished from the statements of practical treatment:

"Note To Physician: Probable mucosal damage may contraindicate the use of gastric lavage."

These revisions are required based on the acute toxicity profile of the subject product, which has been determined to be as follows:

STUDY	TOXICITY CATEGORY
81-1 Acute Oral Toxicity	IV
81-2 Acute Dermal Toxicity	III
81-3 Acute Inhalation Toxicity	III
81-4 Primary Eye Irritation	II
81-5 Primary Dermal Irritation	II
81-6 Dermal Sensitization	Non-Sensitizing

A stamped copy of the label is enclosed for your records. Submit one copy of your final printed labeling before you release the product for shipment.

Sincerely yours,

Joanne I. Miller  
Product Manager (23)  
Herbicide Branch  
Registration Division (7505C)

Enclosure

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# SAFER® BRAND MOSS AND ALGAE KILLER CONCENTRATE

ACTIVE INGREDIENTS	BY WT.
Potassium salts of fatty acids.....	40.0%
INERT INGREDIENTS.....	60.0%
TOTAL.....	100.0%

**KEEP OUT OF REACH OF CHILDREN**

## WARNING

See back panel for Precautionary Statements  
and First Aid (Statement of Practical Treatment)

NET CONTENTS 32 FL. OZ.

**ACCEPTED  
with COMMENTS  
In EPA Letter Dated**

MAY 22 1997

**Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended, for the pesticide  
registered under EPA Reg. No.  
42697-7**

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RECD EPA/OPP/DPD1

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**PRECAUTIONARY STATEMENTS**

**Hazards to humans and domestic animals:**

**WARNING:** Causes substantial but temporary eye injury. Causes skin irritation. Do not get in eyes or on skin or clothing. Wear safety glasses. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before use. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

**First Aid (Statement of Practical Treatment):**

**If in eyes:** Hold eyelids open and flush with a steady, gentle stream of water for 15 minutes. Get medical attention.

**If on skin:** Wash with plenty of soap and water. Get medical attention.

**If swallowed:** Call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. If person is unconscious, do not give anything by mouth and do not induce vomiting.

**In Case of Emergency, call 1-800-228-5635, ext. 170.**

**Environmental Hazards:** This product may hazardous to aquatic invertebrates. Do not apply directly to water. Do not contaminate water when disposing of equipment washwaters or rinsate.

**DIRECTIONS FOR USE:**

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

**WHAT IT IS:**

Safer® Brand Moss and Algae Killer is made from naturally occurring, biodegradable fatty acids. This water-based product is non corrosive to metals, contains no zinc or iron, and is non staining on most surfaces.

**WHAT IT ELIMINATES (KILLS):**

Safer® Brand Moss and Algae Killer effectively eliminates (kills) mosses, algae, lichens, liverworts and grime.

Safer® Brand Moss and Algae Killer effectively eliminates (kills) mosses in lawns.

**WHERE TO USE IT:**

Safer® Brand Moss and Algae Killer is ideal to use on: roofs, decks, siding, walkways, home greenhouses, growing containers and benches, structural surfaces, hardened bark of trees, lawns and turf. This container will treat up to 500 square feet depending on type of surface treated and degree of infestation.

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**HOW TO USE IT:**

**SHAKE WELL.** Add one part concentrate to 20 parts water or, approximately 6 oz (12 tablespoons) per gallon. Apply mixed spray at the rate of approximately 1 gallon per 100 square feet. For best results, moisten area to be treated with fresh water before applying product. Avoid spraying when precipitation is expected. Spray affected area to wet thoroughly. Treated mosses, algae, lichens and liverworts discolor quickly and will dry and slough off naturally making physical removal unnecessary. Discoloration of treated mosses, algae, lichens and liverworts takes longer under cool conditions.

(For Mosses in Lawns and Turf)

**MIXING RATIOS:**

**SHAKE WELL.** For application with a standard garden sprayer, mix 4 fl. oz. (8 tablespoons) per gallon of water. For application with a hose end sprayer, select a dial setting that will provide a dilution of one part concentrate to 30 parts water. In areas with hard water, remove the wire screen from the nozzle of your hose-end sprayer.

(For Mosses in Lawns and Turf)

**HOW TO USE IT:**

For best results, moisten area to be treated with fresh water before applying product. Avoid spraying when precipitation is expected. Spray affected area thoroughly at the rate of approximately 1 gallon per 50 square feet. After 30 minutes, rinse sprayed areas lightly with clean water, then withhold water for two days. Do not treat turf when temperature exceed 85° F. **PERSISTENT MOSS GROWTH ON LAWNS** is symptomatic of too much shade, acid soil and poor drainage. If several sprayings do not reduce moss problem it may be necessary to reduce shade, aerate and lime the soil.

**NOTE:** Treated areas may be temporarily slippery. Use on ornamental trees only. **DO NOT APPLY** to fruit trees, foliage or green bark of conifers or broad-leaf plants. Product may leave white residue on cement, brick or dark-colored shingles. This residue may be removed with vinegar.

**STORAGE & DISPOSAL**

**Storage:** Store at room temperature, in original container only, out of reach of children and animals. Keep from freezing.

**Disposal:** Securely wrap original container in several layers of newspaper and discard in trash.

Ringer Corporation and Safer®, Inc., will not accept liability for damage or injury resulting from misuse.

If you are not completely satisfied with this product, or for consumer information, call 1-612-703-3300 weekdays 9-5 Central time to arrange for a refund of the purchase price or replacement of the product. Proof of purchase is required.

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Distributed by:  
Safer®, Inc., a wholly owned subsidiary of Ringer Corporation  
9555 James Avenue South, Suite 200  
Bloomington, MN 55431  
612-703-3300

EPA Reg. No. 42697-7

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EPA Est. No. 11600-MN-001

44616-MO-001

Superscript or circled letter corresponds to first letter of lot number on back or bottom of container.

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Optional Marketing Claims:

- Eliminate (kill) mosses, algae, lichens, liverworts and grime
- For use on decks, patios, walkways, lawns, and more
- Helps prevent regrowth of moss and algae
- Makes over 5 gallons
- Eliminates (kills) moss in lawns
- Non-corrosive to metals (metal sprayers)
- Non staining to most surfaces
- Makes up to 8 gallons of solution (for mosses in lawns and turf)
- Effective
- No unpleasant odor
- Proven effective through University testing
- Use as a preventive treatment
- Water-based
- Patented formula
- Satisfaction guaranteed. See back panel
- Excellent for spot control
- Home • Lawn • Garden Solutions™ for Pest Control Since 1976
- University Tested
- Made with soap derived from natural fats and plant oils

- Si no usted entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

- The Right Solution™. Safer® Brand Moss & Algae Killer uses an ingredient derived from natural fatty acids to selectively disrupt the cell walls and cause the wilting and death of unwanted moss and algae. Leaves grass, plants, trees and shrubs unharmed.

- Non-staining and non-corrosive, this product is commonly used to eliminate moss growth in lawn areas surrounding plants, trees and shrubs. This product is commonly used as a remedy or preventive treatment on roofs, decks, patios, house exteriors and driveways.