

197

APR 12 1991

Ms. Donna K. Todhunter  
Science Regulatory Services International  
Suite 975  
1625 K Street, NW  
Washington, D.C. 20006-1604

Dear Ms. Todhunter:

Subject: Amendment - Label changes for Safer, Inc.,  
lower maximum temperature for use  
Safer (R) Moss and Algae Killer Concentrate  
EPA Reg. No. 42697-7  
Your Submission Dated February 7, 1991

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

- Master Label -
- (1) Add the name and address of the registrant.
  - (2) We note that the net weight is blank. Please use the appropriate container storage and disposal statements for this product.
  - (3) The type size for the subheading "Environmental Hazards" should be the same as that for the subheading "Hazards to Humans and Domestic Animals".

Please submit five (5) copies of your final printed labeling before you release the product for shipment. A stamped copy of your draft labeling is enclosed for your records.

Sincerely yours

**BEST AVAILABLE COPY**

Joanne I. Miller  
Product Manager (23)  
Fungicide-Herbicide Branch  
Registration Division (H7505C)

Enclosure

CONCURRENCES							
SYMBOL	H7505C						
SURNAME	D. Wilson						
DATE	4-15-91						

DRAFT LABEL SPLIT



FOR VEGETATION MANAGEMENT

# MOSS KILLER

FOR LAWNS

CONCENTRATE

NON-CORROSIVE TO METAL SPRAYERS, NON-STAINING TO MOST SURFACES.

ACTIVE INGREDIENTS	BY WT.	KEEP OUT OF REACH OF CHILDREN
POTASSIUM SALTS OF FATTY ACIDS	40.0%	<b>WARNING</b>
INERT INGREDIENTS	60.0%	SEE SIDE PANEL FOR ADDITIONAL
TOTAL	100.0%	PRECAUTIONARY STATEMENTS.

NET CONTENTS 32 FL. OZ.

ACCEPTED  
with COMMENTS  
EPA Letter Dated

DISTRIBUTED BY:  
**Safer, Inc.**  
189 WELLS AVENUE  
NEWTON, MA 02159  
©1989, SAFER, INC.



Product density = 7.77 lb/gal

*April 12/89*

Under the Federal Insecticide,  
Fungicide and Rodenticide Act  
as amended

### DIRECTIONS FOR USE

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

For application with 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 MOSS IN LAWNS** Moisten moss and grass before spraying or treat after rainfall. Spray infected area thoroughly at the rate of approximately 1 gallon per 50 sq. ft. After 30 minutes, rinse sprayed area lightly with clean water. Then withhold water for two days. Do not treat turf when temperature exceeds 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 lim soil.

**FOR MOSS IN PLANT CONTAINERS** Moss Killer mixed as recommended can also be used to treat moss and liverworts in plant containers but care must be taken to prevent the spray from coming in contact with plant foliage. Use on ornamental trees only. Not to be used on fruit trees. Discoloration of cryptogams normally takes 1 to 2 weeks, but may take longer under cool conditions.

Do not use Moss Killer on foliage or green bark of conifers or broad leaf plants.

### PRECAUTIONARY STATEMENTS

Hazards to humans and domestic animals  
WARNING: Causes skin irritation but temporary eye irritation. Wear safety goggles when handling. In case of eye contact, flush with plenty of water and get medical attention. Wash your hands with plenty of water. Harmful if swallowed. It may need, drink for 2 glasses of milk and call a physician.  
Environmental Hazards: Do not apply directly to water or wetlands. Do not contaminate water by cleaning of equipment or disposal of wastes.  
**STORAGE & DISPOSAL**  
Store in cool place and keep container tightly sealed. For disposal of unused product, securely seal original container in several layers of newspaper and discard in trash. Do not reuse empty container. Rinse thoroughly before discarding in trash.

EPA REG. NO. 907.14.01.4091 (N 03 4091 CA) (U) (E) (C)  
EPA REG. NO. 907.14.01.4091 (N 03 4091 CA) (U) (E) (C)  
EPA REG. NO. 907.14.01.4091 (N 03 4091 CA) (U) (E) (C)

Product Use 2051

5051 B 11 90

# BEST AVAILABLE



SAFER, INC. WILL NOT ACCEPT LIABILITY FOR DAMAGE OR INJURY RESULTING FROM MISUSE.

FOR VEGETATION MANAGEMENT

# MOSS KILLER

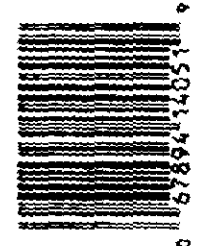
FOR LAWNS

CONCENTRATE

NON-CORROSIVE TO METAL SPRAYERS, NON-STAINING TO MOST SURFACES.

ACTIVE INGREDIENTS	BY WT.	KEEP OUT OF REACH OF CHILDREN
POTASSIUM SALTS OF FATTY ACIDS	40.0%	<b>WARNING</b> ACCEPTED
INERT INGREDIENTS	60.0%	SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS
TOTAL	100.0%	In EPA Letter Dated:

NET CONTENTS 32 FL. OZ.



DISTRIBUTED BY:  
**Safer, Inc.**  
189 WELLS AVENUE  
NEWTON, MA 02159  
©1989, SAFER, INC.

*April 12, 1991*  
Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 42690-9

### DIRECTIONS FOR USE

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

**For application with 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 MOSS IN LAWNS** Moisten moss and grass before spraying or treat after rainfall. Spray infected area thoroughly at the rate of approximately 1 gallon per 50 sq. ft. After 30 minutes, hose sprayed area lightly with clean water. Then withhold water for two days. Do not treat turf when temperature exceeds 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.

**FOR MOSS IN PLANT CONTAINERS** Moss Killer mixed as recommended can also be used to treat moss and liverworts in plant containers but care must be taken to prevent the spray from coming in contact with plant foliage. Use on ornamental trees only. Not to be used on fruit trees. Discoloration of cryptogams normally takes 1 to 2 weeks, but may take longer under cool conditions.

Do not apply Moss Killer to foliage or green bark of conifers or broad leaf plants.

### PRECAUTIONARY STATEMENTS

Hazardous to humans and domestic animals. Irritating. Causes skin and eye irritation. Wash with plenty of water and get medical attention. If on skin, wash with plenty of water. Harmful if swallowed. Drink 2 glasses of milk and call a physician. Environmental Hazards: Do not apply directly to water or wetlands. Do not contaminate water by cleaning of equipment or disposal of wastes.

**STORAGE AND DISPOSAL:** Store in cool place and keep container tightly sealed. For disposal of unused product, securely wrap original container in several layers of newspaper and discard in trash. Do not reuse empty container. Rinse thoroughly before discarding in trash.

EPA REG. NO. 42690-9  
EPA Est. No. 907 TN 03 4091 CA 00  
Supplier or correspondent for further information on an bottom of container

Product No. 2751

5051 811 90

# BEST AVAILABLE COPY

DRAFT LABEL SPLIT



FOR VEGETATION MANAGEMENT  
**MOSS & ALGAE KILLER**  
FOR ROOFS, DECKS & PATIOS  
CONCENTRATE

ALSO FOR WALKS, FENCES, WOODWORK, STUCCO & GREENHOUSES  
NON-CORROSIVE TO METALS. NON-STAINING TO MOST SURFACES

ACTIVE INGREDIENTS	BY WT	KEEP OUT OF REACH OF CHILDREN
POTASSIUM SALTS OF FATTY ACIDS	40.0%	<b>WARNING</b>
INERT INGREDIENTS	60.0%	SEE SIDE PANEL FOR ADDITIONAL
TOTAL	100.0%	PRECAUTIONARY STATEMENTS

NET CONTENTS 32 FL. OZ.

6055 E11 90

SAFER, INC. WILL NOT  
ACCEPT LIABILITY FOR  
DAMAGE OR INJURY  
RESULTING FROM MISUSE

DISTRIBUTED BY  
**Safer, Inc.**

189 WELLS AVENUE  
NEWTON, MA 02459  
©1990, SAFER, INC.

SAFER® IS A REGISTERED  
TRADEMARK OF  
SAFER, INC.

**DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Mix one part concentrate with 20 parts water or approximately 6 fl. oz. (12 tablespoons) per gallon. Apply mixed spray at the rate of approximately one gallon per 100 sq. ft. of overgrown surface. For best results moisten area to be sprayed with fresh water before applying Moss & Algae Killer. Avoid spraying when precipitation is expected. Repeat treatment annually or at the outset of cryptogam recolonization. Discoloration of cryptogams takes longer under cool conditions. However, dead moss will gradually slough away, physical removal is not necessary. Moss & Algae Killer applied to the hardened bark of trees will remove moss and lichens. Use on ornamental trees only. Not to be used on fruit trees. Do not apply to or allow overspray to contact foliage or green bark of conifers or broad-leaf plants. Do not use to control moss in lawns. Treated surfaces may be temporarily slippery. White residue may appear on bricks, cement, and pavement. This residue will wear off over time.

**PRECAUTIONARY STATEMENTS**

Hazards to humans and domestic animals  
**WARNING** - Causes substantial but temporary eye irritation. Wear safety goggles when handling in case of eye contact. Flush with plenty of water and get medical attention. If on skin, wash with plenty of water. Harmful if swallowed. If swallowed, drink 1 or 2 glasses of milk and call a physician.  
**Environmental Hazards** - Do not apply directly to water or wetlands. Do not contaminate water by cleaning of equipment or disposal of wastes.

**STORAGE & DISPOSAL**

Store in cool place and keep container tightly sealed. For disposal of unused product, security wrap original container in several layers of newspaper and discard in trash. Do not reuse empty container. Rinse thoroughly before discarding in trash.

EPA REG. NO. 47897-07 EPA EST. NO. 907-TN-01-4091-TM-03-4091-CA-001  
Superscript corresponds to first letter of address on bottom of container.

Product Code 2055

6055 E11 90

ACCEPTED  
with COMMENTS  
EPA Letter Dated:

*April 12, 1991*

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, the pesticide registered under Reg. No. 47897-07

**BEST AVAILABLE COPY**

597

DRAFT MASTER LABEL

FRONT PANEL

SAFER<sup>R</sup>

MOSS AND ALGAE KILLER

FOR

ROOFS, DECKS, PATIOS, FENCES,

WALKS, WOODWORK, STUCCO,

LAWNS

AND IN GREENHOUSES

Concentrate

NON-CORROSIVE TO METALS  
NON-STAINING TO MOST SURFACES

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 Additional Precautionary Statements

NET CONTENTS 00 FL. OZ.

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

*April 12, 1991*

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

697-7

**BEST AVAILABLE COPY**

**DRAFT MASTER LABEL****BACK PANEL**

**Safer<sup>R</sup> Moss & Algae Killer effectively eliminates:**

Mosses	Liverworts
Algae	Grime
Lichens	

Made from naturally occurring, biodegradable fatty acids, Safer<sup>R</sup> Moss & Algae Killer is easy to mix and apply, and is non-staining to most surfaces. It is ideal for use around homes and other buildings, as well as in parks and gardens.

Use Safer<sup>R</sup> Moss & Algae Killer on:

Roofs	Greenhouses
Decks	Growing Containers
Siding	& Benches
Walks & Similar	Trees
Structural Surfaces	Lawns & Turf

**WARRANTY**

Safer, Inc. warrants that the product is free of defects in material and that its content and total net weight are as stated within lawful limits. Safer, Inc. will not accept liability for damage or injury resulting from misuse.

**PRECAUTIONARY STATEMENTS**

**Hazards to humans and domestic animals:**

**WARNING** - Causes substantial but temporary eye irritation. Wear safety goggles when handling. In case of eye contact, flush with plenty of water and get medical attention. If on skin, wash with plenty of water. Harmful if swallowed. If swallowed, drink 1 or 2 glasses of milk and call a physician.

**Environmental Hazards:** Do not apply directly to water or wetlands. Do not contaminate water by cleaning of equipment or disposal of wastes.

**STORAGE & DISPOSAL**

Store in cool place and keep container tightly sealed. For disposal of unused product, securely wrap original container in several layers of newspaper and discard in trash. Do not reuse empty container. Rinse thoroughly before discarding in trash.

**DIRECTIONS FOR USE**

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

**BEST AVAILABLE COPY**

**GENERAL INFORMATION**

For best results, use soft water and mix fresh spray. Safer<sup>R</sup> Moss & Algae Killer may foam in agitation sprayers; to prevent foaming, disconnect agitation device or add a defoaming agent. Spray may leave a temporary white residue on surfaces with a high lime or calcium content. Residue will wear off in time.

**Structural Applications:** Add 1 part concentrate to 20 parts water, or approximately 6 fl. oz. per gallon. Apply mixed spray at the rate of approximately 1 gallon per 100 sq. ft. of overgrown surface. For best results, moisten area to be treated with fresh water before applying product. Avoid spraying when precipitation is expected. Treated cryptogams (mosses, algae, lichens, liverworts) will dry and slough off naturally, making physical removal unnecessary. Repeat treatment annually, or at the outset of cryptogam recolonization.

**CAUTION:** Treated surfaces may be temporarily slippery.

**Growing Containers & Hardened Bark of Trees:** To control unwanted moss, algae, liverworts and lichens, add 1 part concentrate to 20 parts water, or approximately 6 fl. oz. per gallon. Spray cryptogam growth on or in containers and on tree trunks and branches to wet thoroughly. Use on ornamental trees only. Not to be used on fruit trees. Do not apply or allow overspray to contact foliage or green bark of conifers or broad-leaf plants.

**Moss in Lawns & Turf:** Add 1 part concentrate to 30 parts water, or approximately 4 fl. oz. (8 tablespoons) per gallon. For application with a hose-end sprayer select a dial setting that will provide a dilution of 1 part concentrate to 30 parts water. In areas with hard water remove the wire screen from the nozzle of your hose end sprayer.

Moisten moss and grass before spraying or treat after rainfall. Spray infected area thoroughly at the rate of approximately 1 gallon per 50 sq. ft. After 30 minutes, rinse sprayed area lightly with clean water. Then withhold water for two days. Do not treat turf when temperature exceeds 85 F.

**Persistent Moss Growth In 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.

EPA Reg. No. 42697-7

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V

E

EPA Est. No. 4091-CA-001, 907-TN-01, 4091-TN-03

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

**BEST AVAILABLE COPY**