

50019-1

08/20/1996

1/7



U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (7505C)
401 "M" St., S.W.
Washington, D.C. 20460

EPA Reg.
Number:

50019-1

Date of Issuance:

AUG 20 1996

NOTICE OF PESTICIDE:

Registration
X Reregistration

(under FIFRA, as amended)

Term of Issuance:

Unconditional

Name of Pesticide Product:

Ion Moss

Name and Address of Registrant (include ZIP Code):

James W. Nielsen
P.O. Box 6669
Brookings, OR 97415

Notes: 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.

Based on your response to the Reregistration Eligibility Document, EPA has reregistered the product listed above. Enclosed is a copy of your label stamped "Accepted". This action is taken under the authority of section 4(g)(2)(C) of the Federal Insecticide, Fungicide and Rodenticide Act, as amended. Reregistration under this section does not eliminate the need for continual reassessment of pesticides. EPA may require submission of data at any time to maintain registration of your product.

Signature of Approving Official:

Date:

AUG 20 1996

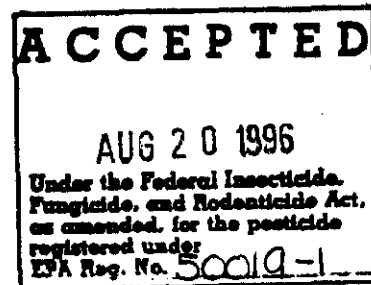
DK: 305-7546: FHB/PM23

7505C
D. KENNY

PRODUCT: ION MOSS - EPA REG. NO. 50019-1
REGISTRANT: JAMES W. NIELSEN
1996
FRONT LABEL page 1

END USE PRODUCT (EP)

EPA REGISTRATION NO. 50019-1



ION/MOSS

**LONG-LASTING CONTROL of MOSS, SLIME MOLD, and ALGAE on
ROOFS, DECKS, PATIOS, SIDEWALKS, DRIVEWAYS and RESIDENTIAL
LAWNS.**

ACTIVE INGREDIENTS:

ZINC (Zn), as elemental 22.28 %

COPPER (Cu), as elemental 2.48 %

INERT INGREDIENTS 75.24 %
TOTAL 100.00 %

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Call a physician of Poison Control Center immediately.

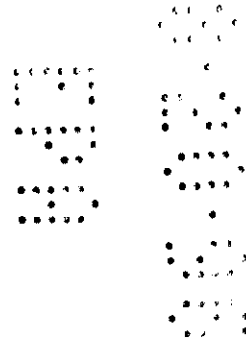
IF INHALED: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.

IF IN EYES: Flush with plenty of water. Get medical attention if irritation persist.

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

James W. Nielsen
P.O. Box 6669
Brookings, OR. 97415
EPA REG. NO. 50019-1
EPA EST. NO. 50019-OR-002

COVERS 2000 sq. ft.
NET WT. 2 LBS. (32 oz.)



PRODUCT: ION MOSS - EPA REG. NO. 50019 -/

REGISTRANT: JAMES W. NIELSEN

1996

SIDE PANEL-page 2

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

CAUTION

Harmful if swallowed or inhaled, Avoid breathing dust or spray mist. Causes eye irritation. Wash thoroughly with soap and water after handling. Avoid contact with eyes or clothing. Remove contaminated clothing and wash before reuse.

ENVIRONMENTAL HAZARDS

This product is toxic to fish and aquatic invertebrates. Do not apply directly to water. Do not contaminate water when disposing of equipment washwater.

DIRECTIONS

READ ENTIRE LABEL, under the Direction for use heading.

STORAGE AND DISPOSAL

STORAGE: Keep pesticide in original container. Do not put into food or drink containers. Avoid contamination of feed and foodstuffs. Store in a cool, dry place, preferably in a locked storage area.

DISPOSAL: Securely wrap original container in several layers of newspaper and discard in trash

PRODUCT: ION MOSS - EPA REG. NO. 50019-1
REGISTRANT: JAMES W. NIELSEN
1996

back label page 3

DIRECTION FOR USE

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

1. Use ION MOSS to control moss, slime mold and algae on grass lawns and on all surfaces constructed of wood, asphalt, concrete, brick, ceramic tile, and plastic. Always wear protective gloves, protective eyewear, long sleeve shirts and long-legged pants, and waterproof gloves, shoes and socks.
2. Apply ION MOSS dry or by means of a hose end attachment and spray onto moss, slime mold or algae when it is wet after a rain, after watering or wet with early morning dew. Open canister or carton. Shake lightly on areas to be treated or add ION MOSS to a clog-free hose end attached container and spray on areas to be treated. For best results allow ION MOSS to make direct contact on all surface areas to be treated. Do not use ION MOSS when strong wind is present.
3. Apply in liquid by adding one pound of ION MOSS to a clog free hose end attachment. Spray directly onto infested areas. Apply anytime moss, slime mold or algae is present. The ingredients in ION MOSS are heavier than water and should be agitated lightly while spraying. APPLICATION OF ION MOSS IN LIQUID FORM IS RECOMMENDED FOR MAXIMUM CONTROL OF MOSS, SLIME MOLD AND ALGAE INFESTATIONS.
4. Apply ION MOSS right out of the canister or carton or by adding content into a bottle with a hose end attachment (clog-free) to lightly affected areas at the rate of one pound per 1000 square feet. For heavier moss, slime mold and algae concentrations use one pound per 500 square feet.
5. Apply ION MOSS anytime of the year. For best results, do not apply while it is raining.
6. In two or more weeks moss, slime mold and algae will turn from green to yellow and to brown. IMPORTANT: ION MOSSES UNIQUE FORMULA OF ZINC AND COPPER COMBINES WITH MOISTURE TO CREATE A SLOW RELEASE REACTION WHICH CONTROLS MOSS, SLIME MOLD AND ALGAE. THE TIME REQUIRED TO CONTROL MOSS, SLIME MOLD AND ALGAE WILL VARY DEPENDING ON CONDITIONS OF MOISTURE, TEMPERATURE, AND SEVERITY OF MOSS, SLIME MOLD AND ALGAE PROBLEMS. PLEASE ALLOW AMPLE TIME FOR ION MOSS TO WORK.
7. Depending on the severity of the dead moss, slime mold and algae, it may not be necessary to remove and may gradually weather away.
8. ION MOSS WILL NOT STAIN patios, decks, walls, walkways, buildings, or roofs that are constructed of wood, asphalt, concrete, brick, ceramic tile, and plastic. ION MOSS may leave a light white to gray residue on treated surfaces that will disappear with the moss, slime mold and algae.

PRODUCT: ION/MOSS - EPA REG. NO. 50019-/
REGISTRANT: JAMES W. NIELSEN

back label-continued page 4

1996

9. ION MOSS will react with iron oxide pigments that are used in red bricks.

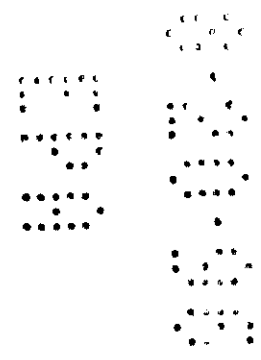
10. USE EXTREME CAUTION WHEN APPLYING ION/MOSS TO WET OR MOSS SLIME MOLD AND ALGAE LADEN ROOFS DUE TO PROBABLE SLIPPERY CONDITIONS.

This product is corrosive to copper.

SIDE/BACK PANEL

WARRANTY STATEMENT

All statements concerning the use of this product apply only when used as directed. The manufacturer makes no warranties, expressed or implied, concerning this product or its use, which extend beyond the description on the label. Read all directions carefully:



6/7
PRODUCT: ION/MOSS - EPA REG. NO. 50019-/
REGISTRANT: JAMES W. NIELSEN

side/back panel-page 5

1996

ION MOSS is a different product. It's unique formula of elemental zinc and copper reacts electrolytically with water to form a slow release reaction that is highly effective in controlling moss, slime mold and algae in some case for up to one year.

ION MOSS when applied in either dry or with a clog-less hose end attachment, not only controls heavy surface concentrations of moss, slime mold and algae, but also permeates the cracks and crevices of these infested laden areas killing spores and hidden moss, slime mold and algae which has not yet reached the surface.

ION MOSS controls moss, slime mold and algae in grass lawns and on all surfaces constructed of wood, asphalt, concrete, brick, ceramic tile and plastic.

ION MOSS WILL NOT STAIN patios, decks, walls, walkways, buildings, or roofs.

ION MOSS will react with copper and iron oxide pigments used in some bricks.

ION MOSS WILL NOT BURN lawns, ornamental shrubbery, trees, turf, or other vegetation.

7/7

PRODUCT: ION/MOSS - EPA REG. NO. 50019-/
REGISTRANT: JAMES W. NIELSEN

side/back panel-page 6

1996

MOSS, SLIME MOLD and ALGAE predominately flourishes in climates with excessive rainfall, high humidity, and below average sunshine. Moss, slime mold and algae growth, if left uncontrolled, will cause problems on surfaces such as roofs, buildings, fences, walls, patios, driveways, walkways and LAWNS. These growths are unsightly, hazardous, and destructive. In particular, moss, slime mold and algae growth on rooftops prevents the roof from drying properly and eventually causes leaking due to the accelerated decomposition of the shingles. Similarly, moss growth along expansion joints and in cracks on concrete surfaces such as patios, walkways, and driveways is unsightly and fosters rapid decomposition of the concrete. Moss, slime mold and algae growth on these surfaces can also be very hazardous to pedestrian traffic due to there slippery nature. In lawns the formation of moss, slime mold and algae is unattractive and competes directly with the grass for nutrients. The competition between the lawn and the moss, slime mold and algae allows the development of undesirable weeds and microbial growth. It is therefore necessary to control moss, slime mold and algae on these surfaces and prevent there return.