

PM 23 50019-1 11-25-97 10/6  
PRODUCT: ION MOSS - EPA REG. NO. 50019-1  
REGISTRANT: JAMES W. NIELSEN  
1997  
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EPA REGISTRATION NO. 50019-1

### ION/MOSS

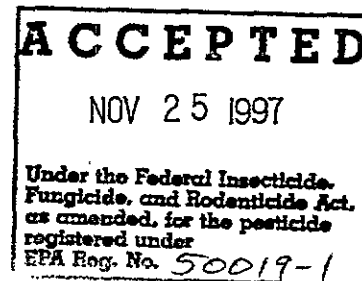
**LONG-LASTING CONTROL of MOSS, MILDEW, SLIME MOLD and ALGAE  
on ROOFS, DECKS, PATIOS, SIDEWALKS, DRIVEWAYS and RESIDENTIAL  
LAWNS.**

#### 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 or 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 persists.

**SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS**

James W. Nielsen  
PO 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.)

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**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.

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### DIRECTION FOR USE

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

1. Use ION MOSS to control moss, mildew, 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, mildew, slime mold and 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 clog-free hose end attached container and spray on areas to be treated. Remove seal cover before spraying. 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, mildew, slime mold and 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, MILDEW SLIME MOLD AND ALGAE INFESTATION.
4. Apply ION MOSS right out the canister or carton or by adding contents 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, mildew 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 3 to 7 days moss, mildew, slime mold and algae will turn from green to yellow and to brown. IMPORTANT; ION MOSS IS A UNIQUE FORMULA OF ZINC AND COPPER COMBINED WITH MOISTURE TO CREATE A SLOW RELEASE REACTION WHICH CONTROLS MOSS, MILDEW SLIME MOLD AND ALGAE. THE TIME REQUIRED TO CONTROL MOSS, MILDEW, SLIME MOLD AND ALGAE WILL VARY DEPENDING ON CONDITIONS OF MOISTURE, TEMPERATURE AND SEVERITY OF INFESTATION. PLEASE ALLOW AMPLE TIME FOR ION MOSS TO WORK.
7. Depending on the severity of the dead moss, mildew, 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 dead moss, mildew, slime mold and algae.

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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, MILDEW, SLIME MOLD AND ALGAE LADEN ROOFS DUE TO PROBABLE SLIPPERY CONDITIONS.

## 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.

*(The following are examples of some of the patterns that can occur.)*

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**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 when controlling moss, mildew, slime mold and algae in some case for up to one year.

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

**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's such as flowers and vegetables.

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**MOSS, MILDEW, SLIME MOLD and ALGAE** predominately flourishes in climates with excessive rainfall, high humidity, and below average sunshine. Moss, mildew, 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, mildew, 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 are unsightly and fosters rapid decomposition of the concrete. Moss, mildew, 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, mildew, slime mold and algae is unattractive and competes directly with the grass lawns for nutrients. The competition between the lawn and the moss, mildew, slime mold and algae allows the development of undesirable weeds and microbial growth. It is therefore necessary to control moss, mildew, slime mold and algae on these surfaces and prevent there return.