

# MATERIAL SAFETY DATA SHEET

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Revision No: New MSDS

Scotts® Ovation® SC

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## 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** Scotts® Ovation® SC  
**PRODUCT DESCRIPTION:** Ornamental Plant Ovicide/Miticide

### MANUFACTURER

The Scotts Company  
Earthgro - Hyponex - Miracle Gro - Scotts  
Scotts Sierra - Swiss Farms  
14111 Scottslawn Road  
Marysville, OH 43041

### 24 HR. EMERGENCY TELEPHONE NUMBERS

**CHEMTREC (U.S.):** (800) 424-9300  
**International:** 1-703-527-3887  
**Emergency Phone:** 1-937-644-0011

**EPA REG. NO.:** 66222-53-58185 **PN:** 95175

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## 2. COMPOSITION / INFORMATION ON INGREDIENTS

| <u>Chemical Name</u>                                       | <u>CAS#</u> | <u>OSHA PEL</u> | <u>ACGIH TLV</u> |
|--|-------------|-----------------|------------------|
| Clofentezine: (3,6-bis-(2-chlorophenyl)-1,2,4,5-tetrazine) | 74115-24-5  | None            | None             |

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## 3. HAZARDS IDENTIFICATION

### EMERGENCY OVERVIEW

#### IMMEDIATE CONCERNS: - CAUTION

- Avoid contact with eyes, skin, or clothing.
- May cause skin and eye irritation.
- Do not inhale mist.
- KEEP OUT OF REACH OF CHILDREN AND PETS.

### POTENTIAL HEALTH EFFECTS

**EYES:** May cause eye irritation.

**SKIN:** May cause skin irritation.

**INGESTION:** Product has low order of toxicity by the oral route of exposure.

**INHALATION:** Inhalation of vapors and mists maybe irritating to respiratory tract tissues.

**CHRONIC:** No known chronic effects.

**MEDICAL CONDITIONS AGGRAVATED:** Skin contact may cause allergic reaction in sensitive individuals. Persons with pre-existing skin disorders may be more susceptible to the effects of product exposure.

**ROUTES OF ENTRY:** Skin contact, mist inhalation.

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## 4. FIRST AID MEASURES

**EYES:** 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. Call a poison control center or doctor for treatment advice.

**SKIN:** 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.

**INGESTION:** If swallowed, call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to by the poison control center or doctor. Do not give anything by mouth to an unconscious person.

**INHALATION:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

**NOTES TO PHYSICIAN:** Supportive care and symptomatic treatment (slight eye irritant and possibly a slight skin irritant).

**COMMENTS:** See product label for specific First Aid Measures. The above measures are the most conservative - Pesticide Registration (PR) Notice 2000-3 - April 11, 2000 - and apply in the event a product label is not immediately available.

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## 5. FIRE FIGHTING MEASURES

**FLASHPOINT AND METHOD:** Not Applicable

**EXTINGUISHING MEDIA:** Water, dry chemical, CO<sub>2</sub>, foam.

**HAZARDOUS COMBUSTION PRODUCTS:** Toxic fumes may include nitrogen oxides and hydrogen chloride.

**EXPLOSION HAZARDS:** None

**FIRE FIGHTING PROCEDURES:** Evacuate area. Flood with water to cool containers.

**FIRE FIGHTING EQUIPMENT:** Fire-fighters must wear self-contained breathing apparatus.

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## 6. ACCIDENTAL RELEASE MEASURES

**LARGE SPILL:** Contain and absorb spillage with absorptive material. Use clean shovel and place into clean, dry, containers for disposal. Wash area with detergent and water. Do not allow spilled material to enter sewer or watercourse.

**GENERAL PROCEDURES:** Use proper equipment to minimize exposure. Take all necessary actions to prevent and to remedy the adverse effects of the spill. Notify appropriate authorities immediately. Ensure that disposal is in compliance with federal requirements and state and local regulations.

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## 7. HANDLING AND STORAGE

**GENERAL PROCEDURES: PESTICIDE APPLICATORS AND WORKERS** must use this product only in accordance with its labeling and with the Worker Protection standard, 40 CFR part 170. This standard contains requirement for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. The requirements that immediately follow apply to uses of this product that are covered by the Worker Protection Standard: 1.) Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours; 2.) PPE required for early entry to treated areas 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 laminated, butyl rubber, nitrile rubber, neoprene rubber, poly-vinyl chloride (PVC), or Viton, Shoes plus socks.

**HANDLING:** See label. 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. Do not enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 12 hours. **KEEP OUT OF REACH OF CHILDREN.**

**STORAGE:** Read label. Do not contaminate water, food, or feed by storage or disposal. Store in original container, tightly closed, in a safe place.

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## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**ENGINEERING CONTROLS:** Use adequate ventilation to keep the airborne concentrations of this material below the recommended exposure standard.

### PERSONAL PROTECTIVE EQUIPMENT

**EYES AND FACE:** Wear goggles, face shield, or safety glasses.

**SKIN:** Applicators must wear long-sleeved shirt and long pants, chemical resistant gloves, such as barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, poly-vinyl chloride (PVC), or Viton, and shoes plus socks. 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.

**RESPIRATORY:** Ensure good ventilation. If ventilation inadequate, wear a suitable respirator for spray mist.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

**PHYSICAL STATE:** Viscous liquid.

**ODOR:** None.

**COLOR:** Purple-red.

**VAPOR PRESSURE:**  $1.3 \times 10^{-7}$  Pa@25C (a.i.)

**BOILING POINT:** Not Available

**SOLUBILITY IN WATER:** <1.0 mg/l (22C, a.i.)

**DENSITY:** 9.9 lb./gal.

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## 10. STABILITY AND REACTIVITY

**STABLE:** YES

**HAZARDOUS POLYMERIZATION:** NO

**CONDITIONS TO AVOID:** Temperature extremes.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Chlorine and oxides of sulfur, zinc, and nitrogen.

**INCOMPATIBLE MATERIALS:** None known.

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## 11. TOXICOLOGICAL INFORMATION

### ACUTE

**DERMAL LD<sub>50</sub>:** >2,400 mg/kg (rabbit).

**ORAL LD<sub>50</sub>:** >5000 mg/kg (rat).

**EYE EFFECTS:** Slightly irritating.

**SKIN EFFECTS:** Slightly irritating.

**SENSITIZATION:** Weak sensitizer.

### CARCINOGENICITY:

**IARC:** No

**NTP:** No

**OSHA:** No

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## 12. ECOLOGICAL INFORMATION

**ECOTOXICOLOGICAL INFORMATION:** See product label. For terrestrial uses, 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 apply within 100 feet of lakes, reservoirs, rivers, permanent streams, marshes, natural ponds, estuaries, and commercial fish farm ponds. Do not apply when weather conditions favor drift off crop, especially when spraying outer rows. Do not contaminate water when disposing of equipment wash waters.

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## 13. DISPOSAL CONSIDERATIONS

**DISPOSAL METHOD:** Disposal must be in accordance with Federal, state, and local regulations. Dispose of container in an approved waste facility.

**EMPTY CONTAINER:** Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and discard in sanitary landfill, or by incineration, or if allowed by State and local authorities, by burning. If burned, stay out of smoke. Do not reuse empty container. Refer to product label.

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## 14. TRANSPORT INFORMATION

### DOT (DEPARTMENT OF TRANSPORTATION)

**PROPER SHIPPING NAME:** Not DOT regulated.

**SPECIAL SHIPPING NOTES:** The description shown may not apply to all shipping situations. Consult 49CFR, or appropriate Dangerous Goods Regulations, for additional description requirements (e.g., technical name) and mode-specific or quantity-specific shipping requirements.

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## 15. REGULATORY INFORMATION

**GENERAL COMMENTS:** Contact local authorities for proper disposal of large quantities of unused product. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

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## 16. OTHER INFORMATION

**REVISION SUMMARY** New MSDS

**NFPA CODES****HEALTH: 1 FIRE: 0 REACTIVITY: 0**

**MANUFACTURER DISCLAIMER:** The information contained herein is, to the best of the Manufacturer's (see Section 1) knowledge and belief, accurate and reliable as of the date of preparation of this document. However, no warranty or guarantee, express or implied, is made as to the accuracy or reliability, and the Manufacturer shall not be liable for any loss or damage arising out of the use thereof. No authorization is given or implied to use any patented invention without a license. In addition, the Manufacturer shall not be liable for any damage or injury resulting from abnormal use, from any failure to adhere to recommended practices or from any hazards inherent in the nature of the product.

**ADDITIONAL MSDS INFORMATION:** NFPA Hazard Rating: 0=Least; 1=Slight; 2=Moderate; 3=High; 4=Severe.

**GENERAL STATEMENTS:** This document contains health, safety, and environmental information useful to emergency response agencies, health care providers, manufacturers, and workers/employees. It does not replace the precautionary language, use directions, or the storage and disposal information found on the product label.

**COMMENTS:** Use of this product is regulated by the U.S. Environmental Protection Agency (EPA) through the approved product label. It is a violation of Federal law to use this product in a manner inconsistent with its labeling.