



# MATERIAL SAFETY DATA SHEET

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## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product name:** ORTHO® Home Defense® MAX® Insect Killer For Indoor & Perimeter1

**Description:** Insecticide

**Company**

The Scotts Company LLC  
14111 Scottslawn Road  
Marysville, OH 43041

**24-HOUR EMERGENCY TELEPHONE NUMBERS:**

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

**EPA Registration No.:** 279-9534-239

## 2. HAZARDS IDENTIFICATION

**Labelling**

**Signal word:**

CAUTION

**Precautionary Statements**

Harmful if swallowed. Causes moderate eye irritation. Avoid contact with eyes, skin, and clothing. Wear long-sleeved shirt, long pants, socks, shoes, impermeable gloves, and protective eyewear. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Prolonged or frequently repeated skin contact may cause allergic reaction in some individuals. Keep out of reach of children.

**Potential health effects**

**Eye contact:**

Irritating to eyes.

**Skin contact:**

Irritation possible.

**Ingestion:**

Moderately toxic if swallowed.

**Inhalation:**

May irritate respiratory tract tissues.

**Aggravated Medical Conditions:**

Inhalation may aggravate asthma.

**Principle routes of exposure:**

Skin, Eyes, Inhalation

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS-No	Weight %
Other Ingredients	No CAS#	99.9375
Bifenthrin	82657-04-3	0.05
Zeta-cypermethrin	52315-07-8	0.0125

## 4. FIRST AID MEASURES

**Eye contact:**

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 eye. Call a poison control center or doctor for treatment advice

**Skin contact:**

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:**

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 do so by a 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 by mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice

## 5. FIRE-FIGHTING MEASURES

**Flammable properties:**

Will not burn under fire conditions.

**Suitable extinguishing media:**

Water spray, carbon dioxide, dry chemical, chemical foam.

**Explosion potential:**

None.

**Hazardous combustion products:**

Toxic fumes may be produced.



**Carcinogenic effects:** The table below indicates whether each agency has listed any ingredient as a carcinogen.

Components	NTP:	IARC:	OSHA:
Bifenthrin	Not listed	Not listed	Not listed
Zeta-cypermethrin	Not listed	Not listed	Not listed

**Ingestion:** Ingestion may cause irritation to mucous membranes.  
**Inhalation:** May cause irritation of respiratory tract.  
**Other information:** May produce temporary skin sensations such as numbness, burning, or tingling that subside within 12 hours.

**12. ECOLOGICAL INFORMATION**

**Ecotoxicity effects:** Extremely toxic to fish and aquatic invertebrates.  
**Persistence and degradability:** Inherently biodegradable.  
**Bioaccumulative potential:** Does not bioaccumulate.  
**Mobility:** Water contaminating.  
**Aquatic toxicity:** No information available.  
**Additional ecological information:** Do not contaminate water sources when disposing of equipment washwaters. Do not apply directly to lakes, streams, or ponds. Toxic to bees. Do not spray plants in flower or those in which bees are actively foraging.

**13. DISPOSAL CONSIDERATIONS**

**Waste Disposal Methods:** Read and follow label instructions. If partially filled, call the local solid waste agency for disposal instructions. Do not place product down any indoor or outdoor drain. If empty, do not reuse container.  
**Contaminated packaging:** Read and follow label instructions. If empty, place in trash or offer for recycling if available.

**14. TRANSPORT INFORMATION**

The description shown may not apply to all situations. Consult 49 CFR, or appropriate dangerous goods regulations for additional description requirements (e.g. technical name) and mode-specific or quantity-specific shipping requirements.

**DOT (Land)** Not DOT regulated  
**DOT (AIR)** Not DOT regulated  
**DOT (Vessel)** Not DOT regulated

**15. REGULATORY INFORMATION**

Components	CAS-No	CERCLA/SARA 313	CERCLA/SARA 302
Bifenthrin	82657-04-3	Not Listed	Not Listed
Zeta-cypermethrin	52315-07-8	Not Listed	Not Listed

**General Information** Contact local authorities for disposal of large quantities of product

**16. OTHER INFORMATION**

**NFPA:** Health: 1 Flammability: 0 Reactivity: 0

**Hazard Rating:** 0=Least; 1-Slight; 2=Moderate; 3=High; 4=Severe

**EPA FIFRA Comment:** 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.

**General comment:** 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.

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