



# MATERIAL SAFETY DATA SHEET

Date stamp: 18-Sep-2008

MSDS Ref. No.: 024024

Revision Number: 0

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product name:** ORTHO® Ecosense™ Brand Indoor Insect Killer, (Ready-To-Use)

**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

**Formula No.:** S13801

**Product Number(s):** 024024

## 2. HAZARDS IDENTIFICATION

**Labelling**

**Signal word:** No signal word

**Precautionary Statements**

Avoid contact with eyes, skin, and clothing. Wash with soap and water after handling. Keep out of reach of children.

**Potential health effects**

**Eye contact:** May cause slight irritation.

**Skin contact:** Irritation not expected.

**Ingestion:** Considered practically non-toxic.

**Inhalation:** May cause irritation of respiratory tract.

**Aggravated Medical Conditions:**

Inhalation may aggravate asthma.

**Principle routes of exposure:**

Skin, Ingestion, Inhalation

**Target organ effects:**

Irritation.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS-No	Weight %
Water	7732-18-5	40-70
Soybean oil	8001-22-7	18.75
Polyglyceryl oleate	9007-48-1	3-7
Lauric acid	143-07-7	3-7
Sodium Caprylate	1984-06-1	1-5
Sodium Benzoate	532-32-1	0.1-1

## 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

**Notes to physician:**

Aspiration may cause pulmonary oedema and pneumonitis.

## 5. FIRE-FIGHTING MEASURES

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**Flammable properties:** Non-flammable.  
**Suitable extinguishing media:** Water spray, carbon dioxide, dry chemical, chemical foam  
**Explosion potential:** Unlikely.  
**Hazardous combustion products:** Toxic fumes may be produced.  
**Fire fighting procedures:** Flood with water to cool containers. Select appropriate method to surround and extinguish fire. Contain run-off as ingredients may be toxic to aquatic organisms.  
**Special protective equipment for firefighters:** In the event of fire, wear self-contained breathing apparatus

**6. ACCIDENTAL RELEASE MEASURES**

**Personal precautions:** Wear personal protective equipment  
**Environmental precautions:** Prevent product from entering drains  
**Methods for containment:** Control spill with dykes and absorb with inert absorbant material.  
**Methods for cleaning up:** If material is uncontaminated, collect and reuse as recommended for product.

**7. HANDLING AND STORAGE**

**Handling:** Handling: Avoid contact with skin.  
**Storage:** Store in a cool, dry area away from incompatible materials and heat sources.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

Components	ACGIH:	OSHA:
Water	Not Listed	Not Listed
Soybean oil	Not Listed	Not Listed
Lauric acid	Not Listed	Not Listed
Sodium Benzoate	Not Listed	Not Listed
Sodium Caprylate	Not Listed	Not Listed
Polyglyceryl oleate	Not Listed	Not Listed

**Engineering controls** Use adequate ventilation to keep the airborne concentrations of this material below the recommended exposure standard

**Personal Protective Equipment**  
**Eye/face protection** Eye/face protection is not required, but is recommended in manufacturing situations where contact may occur.  
**Skin and body protection:** No special protective clothing is required under normal workplace conditions.  
**Respiratory protection:** If airborne levels are high or product does not remain intact, use a combination of engineering controls (e.g. ventilation) and personal protection, e.g., NIOSH/MSHA approved respirator for dusts, mists, and fumes

**General hygiene considerations:** Wash hands before breaks and immediately after handling the product

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Physical State:** Liquid **Color:** Yellow  
**Flash point:** Does not flash **Appearance:** Opaque  
**Odor:** Slight **pH:** Neutral  
**Solubility:** Water solubility, Miscible **Specific gravity:** 0.97-1.00

**10. STABILITY AND REACTIVITY**

**Chemically Stable:** Yes  
**Conditions to avoid:** Extreme heat.  
**Materials to avoid:** Strong oxidising agents.  
**Hazardous decomposition products:** Toxic fumes and gases may be generated.  
**Possibility of hazardous reactions:** Poses little or no immediate hazard.

**11. TOXICOLOGICAL INFORMATION**

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**Acute toxicity**

**Eye effects:** Contact with eyes may cause irritation  
**Skin effects:** None known

**Chronic toxicity**

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

Components	NTP:	IARC:	OSHA:
Water	Not listed	Not listed	Not listed
Soybean oil	Not listed	Not listed	Not listed
Lauric acid	Not listed	Not listed	Not listed
Sodium Benzoate	Not listed	Not listed	Not listed
Sodium Caprylate	Not listed	Not listed	Not listed
Polyglyceryl oleate	Not listed	Not listed	Not listed

**General Information**

**Ingestion:** Very low toxicity for humans and animals  
 Health injuries are not known or expected under normal use  
**Inhalation:** Health injuries are not known or expected under normal use  
**Target organ effects:** Irritation.

**12. ECOLOGICAL INFORMATION**

**Ecotoxicity effects:** No data is available on the product itself.  
**Persistence and degradability:** Inherently biodegradable. Non-persistent.  
**Bioaccumulative potential:** Does not bioaccumulate.  
**Mobility:** No information available.  
**Aquatic toxicity:** Not considered to be toxic to aquatic organisms.  
**Additional ecological information:** Do not apply directly to lakes, streams, or ponds.

**13. DISPOSAL CONSIDERATIONS**

**Waste Disposal Methods:** Dispose of in accordance with local regulations and national regulations.  
**Contaminated packaging:** Do not re-use empty containers. 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
Water	7732-18-5	Not Listed	Not Listed
Soybean oil	8001-22-7	Not Listed	Not Listed
Lauric acid	143-07-7	Not Listed	Not Listed
Sodium Benzoate	532-32-1	Not Listed	Not Listed
Sodium Caprylate	1984-06-1	Not Listed	Not Listed
Polyglyceryl oleate	9007-48-1	Not Listed	Not Listed

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

**16. OTHER INFORMATION**

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<b>NFPA:</b>	<b>Health:</b> 1	<b>Flammability:</b> 0	<b>Reactivity:</b> 0
<b>HMIS:</b>	<b>Health:</b> 1	<b>Flammability:</b> 0	<b>Reactivity:</b> 0

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

**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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