



# MATERIAL SAFETY DATA SHEET

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Revision Number: 0

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product name:** TotalKill® (Brand) by ORTHO® Hornet & Wasp Killer, (Aerosol)  
**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.:** 1021-1806-239

## 2. HAZARDS IDENTIFICATION

### Labelling

**Signal word:** CAUTION

### Precautionary Statements

Harmful if absorbed through the skin or inhaled. Avoid breathing vapors. Avoid contact with eyes, skin, and clothing. Keep out of reach of children.

### Potential health effects

**Eye contact:** Contact with eyes may cause irritation.  
**Skin contact:** May cause skin irritation in susceptible persons.  
**Ingestion:** Harmful if swallowed..  
**Inhalation:** Harmful by inhalation. May irritate respiratory tract tissues.

**Aggravated Medical Conditions:** Inhalation may aggravate asthma.  
**Principle routes of exposure:** Skin, Eyes, Inhalation  
**Target organ effects:** Irritation.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS-No	Weight %
Other Ingredients	No CAS#	99.7
Tetramethrin	7696-12-0	0.15
Sumithrin (Phenothrin)	26002-80-2	0.15

**Comments:** Contains petroleum distillates.

## 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. Vitamine E oil applied dermally may relieve cutaneous paresthesia following skin contact.

## 5. FIRE-FIGHTING MEASURES

**Flammable properties:** Non-flammable. N.F.P.A. (Code 30B) Level I Aerosol.

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**5. FIRE-FIGHTING MEASURES**

<b>Suitable extinguishing media:</b>	Carbon dioxide (CO <sub>2</sub> ). Dry chemical. Foam.
<b>Explosion potential:</b>	Closed containers may rupture violently under fire conditions.
<b>Hazardous combustion products:</b>	Toxic fumes may be produced.
<b>Specific hazards:</b>	No information available.
<b>Fire fighting procedures:</b>	Select appropriate method to surround and extinguish fire.
<b>Special protective equipment for firefighters:</b>	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**6. ACCIDENTAL RELEASE MEASURES**

<b>Personal precautions:</b>	Wear personal protective equipment
<b>Environmental precautions:</b>	Prevent product from entering drains
<b>Methods for containment:</b>	Control spill with dykes and absorb with inert absorbant material
<b>Methods for cleaning up:</b>	Detergent and water.

**7. HANDLING AND STORAGE**

**Handling:** Avoid container breakage. Do not puncture or incinerate. Avoid inhalation or contact with skin, eyes, or clothing. Do not use around electrical equipment due to possible electrical shock hazard.

**Storage:** Store in a cool, dry area away from incompatible materials and heat sources. Avoid contamination of feed and foodstuffs. Do not store at temperatures above 130 F. Keep out of reach of children and animals.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

Components	ACGIH:	OSHA:
Sumithrin (Phenothrin)	Not Listed	Not Listed
Tetramethrin	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**

<b>Eye/face protection</b>	Safety glasses with side shields or goggles.
<b>Skin and body protection:</b>	Wear suitable protective clothing if contact is anticipated during manufacturing. Chemical resistant gloves.
<b>Respiratory protection:</b>	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 and face before breaks and immediately after handling the product. Remove and wash contaminated clothing before re-use.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Physical State:</b>	Aerosol (liquified gases and liquid)	<b>Color:</b>	Milky, White
<b>Flash point:</b>	Does not flash	<b>pH:</b>	6.0 - 6.5
<b>Solubility:</b>	Miscible	<b>Specific gravity:</b>	0.90-0.99
<b>Viscosity:</b>	2120 CPS at 24 C	<b>VOC content(%):</b>	<6.0

**10. STABILITY AND REACTIVITY**

<b>Chemically Stable:</b>	Yes
<b>Conditions to avoid:</b>	Keep away from heat and ignition sources.
<b>Materials to avoid:</b>	Strong oxidising agents.
<b>Hazardous decomposition products:</b>	Toxic fumes and gases may be generated.
<b>Possibility of hazardous reactions:</b>	Poses little or no immediate hazard.

**11. TOXICOLOGICAL INFORMATION****Acute toxicity**

LD50/oral: >5.0 g/kg, rabbit

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**LD50/dermal:** >2.0 g/kg, rabbit  
**Eye effects:** Mild eye irritation  
**Skin effects:** Mild skin irritation  
**Sensitization:** No sensitization, guinea pig

**Chronic toxicity**

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

Components	NTP:	IARC:	OSHA:
Sumithrin (Phenothrin)	Not listed	Not listed	Not listed
Tetramethrin	Not listed	Not listed	Not listed

**Ingestion:** Ingestion may cause irritation to mucous membranes.  
**Inhalation:** Possible irritation of the respiratory tract.  
**Target organ effects:** Irritation.

**12. ECOLOGICAL INFORMATION**

**Ecotoxicity effects:** Toxicity to fish.  
**Persistence and degradability:** Inherently biodegradable.  
**Bioaccumulative potential:** No information available.  
**Mobility:** Water contaminating.  
**Aquatic toxicity:** Toxic to fish and other aquatic invertebrates.

**13. DISPOSAL CONSIDERATIONS**

**Waste Disposal Methods:** If partially filled, call the local solid waste agency for disposal instructions. Do not puncture or incinerate container. Do not place product down any indoor or outdoor drain.  
**Contaminated packaging:** 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)** Consumer Commodity, ORM-D  
**DOT (AIR)** Consumer Commodity, ORM-D  
**DOT (Vessel)** Consumer Commodity, ORM-D  
**IATA (Air)** UN1950 Aerosols, non-flammable, 2.2

**15. REGULATORY INFORMATION**

Components	CAS-No	CERCLA/SARA 313	CERCLA/SARA 302
Sumithrin (Phenothrin)	26002-80-2	Not Listed	Not Listed
Tetramethrin	7696-12-0	Not Listed	Not Listed

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

**16. OTHER INFORMATION**

**NFPA:** Health: 1 Flammability: 1 Reactivity: 1  
**HMIS:** Health: 1 Flammability: 1 Reactivity: 1

**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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