



MATERIAL SAFETY DATA SHEET

Date stamp: 24-Oct-2006

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Revision Number: 0

1. PRODUCT AND COMPANY IDENTIFICATION

Product name: ORTHO® MAX® Flying Insect Killer (Aerosol)
Description: Insecticide

Company
The Scotts Company
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.: 239-2524
Formula No.: S11279

2. HAZARDS IDENTIFICATION

Labelling

Signal word: CAUTION

Precautionary Statement

Causes moderate eye irritation. Avoid contact with eyes, skin, and clothing. Harmful if inhaled. Avoid breathing vapors. Keep out of reach of children.

Potential health effects

Eye contact: Contact with eyes may cause irritation.
Skin contact: Irritation possible.
Ingestion: Ingestion may cause irritation to mucous membranes.
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 %
Tetramethrin	7696-12-0	0.2
Sumithrin (Phenothrin)	26002-80-2	0.2
Inert Ingredients	PROPRIETARY	99.6

Comments: Contains petroleum distillates.

4. FIRST AID MEASURES

Eye contact: Hold eye open and rins 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

Flammable properties: N.F.P.A. (Code 30B) Level I Aerosol.
Suitable extinguishing media: Water spray, carbon dioxide, dry chemical, chemical foam.

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5. FIRE-FIGHTING MEASURES

Explosion potential: May form explosive vapor-air mixtures above flash point.
Explosive properties: Heating may cause an explosion..
Hazardous combustion products: Toxic fumes may be produced.
Specific hazards: Explosive vapor could form.
Fire fighting procedures: Select appropriate method to surround and extinguish fire. Flood with water to cool containers.
Special protective equipment for firefighters: As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.
Flammability Limits in Air: No information available

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: Detergent and water.

7. HANDLING AND STORAGE

Handling: Avoid container breakage. Avoid inhalation or contact with skin, eyes, or clothing.
Storage: Store in a cool, dry area away from incompatible materials and heat sources. Do not store at temperatures above 130 F. Keep out of the reach of children.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Components	ACGIH:	OSHA:
Tetramethrin	Not Listed	Not Listed
Sumithrin (Phenothrin)	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: Safety glasses with side shields or goggles.
Skin and body protection: lightweight protective clothing.
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	Appearance: opaque
Color: White	Odor: solvent
pH: 7.43	Bulk density: 7.89 lbs/gal
Specific gravity: 0.95	Flash point: >200° F
Method: Flame extension	

10. STABILITY AND REACTIVITY

Chemically Stable: Yes
Conditions to avoid: Keep away from heat and ignition sources.
Materials to avoid: Strong acids and oxidising agents.
Hazardous decomposition products: Toxic fumes and gases may be generated.
Possibility of hazardous reactions: No information available.

11. TOXICOLOGICAL INFORMATION

Acute toxicity

LD50/oral: >16 g/kg, rat

LD50/dermal: >20 g/kg, rabbit
LC50/inhalation: >4.31 mg/L, (vapor), rat
Eye effects: Moderate eye irritation, rabbit
Skin effects: Slight irritation, rabbit
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:
Tetramethrin	Not listed	Not listed	Not listed
Sumithrin (Phenothrin)	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: Toxic to aquatic organisms. No data is available on the product itself.
Persistence and degradability: Inherently biodegradable.
Bioaccumulative potential: No information available.
Mobility: Water contaminating.
Aquatic toxicity: Toxic to fish.

13. DISPOSAL CONSIDERATIONS

Waste Disposal Methods: If partially filled, call the local solid waste agency or 1-800-CLEANUP for disposal instructions. 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
Proper shipping name: Consumer Commodity, ORM-D

15. REGULATORY INFORMATION

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

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

16. OTHER INFORMATION

NFPA: Health: 2 Flammability: 4 Reactivity: 0

HMIS: Health: 2 Flammability: 4 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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