



MATERIAL SAFETY DATA SHEET

Date stamp: 24-Aug-2010

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Revision Number: 1

1. PRODUCT AND COMPANY IDENTIFICATION

Product name: ORTHO® Elementals™ Ant & Roach 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

Formula No.: S14531

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	60-100
Soybean oil	8001-22-7	7.5
Sodium Caprylate	1984-06-1	5-10
Lauric acid	143-07-7	1-5
Kelzan (Xanthan Gum)	11138-66-2	0.1-1
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

5. FIRE-FIGHTING MEASURES

Flammable properties: Non-flammable.

Suitable extinguishing media: Water spray, carbon dioxide, dry chemical, chemical foam

Explosion potential: Unlikely.

5. FIRE-FIGHTING MEASURES

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: Avoid contact with skin. Avoid contact with eyes. Do not use near an ignition source.

Storage: Store away from heat or open flame. Keep out of the reach of children.

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 Caprylate	Not Listed	Not Listed
Sodium Benzoate	Not Listed	Not Listed
Kelzan (Xanthan Gum)	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

Eyeface 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: Milky
Flash point: Does not flash	Appearance: Opaque
Odor: Slight	pH: 6.9 - 8.9
Solubility: Water solubility, Miscible	

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

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 Caprylate	Not listed	Not listed	Not listed
Sodium Benzoate	Not listed	Not listed	Not listed
Kelzan (Xanthan Gum)	Not listed	Not listed	Not listed

General Information

Very low toxicity for humans and animals
Ingestion: 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) Consumer Commodity, ORM-D
DOT (AIR) Consumer Commodity, ORM-D
DOT (Vessel) Consumer Commodity, ORM-D

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 Caprylate	1984-06-1	Not Listed	Not Listed
Sodium Benzoate	532-32-1	Not Listed	Not Listed
Kelzan (Xanthan Gum)	11138-66-2	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

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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