

SECTION 1: Product and Company Identification

Product identifier Home Pest Control
EPA Registration number 829-295
Other means of identification None
Synonym(s) Permethrin .25%
Recommended use Insecticide
Recommended restrictions None known.
Company Southern Agricultural Insecticides, Inc.
P.O. Box 218
Palmetto, FL 34220
Company Telephone/Fax: (941) 722-3285/(941) 723-2974
Emergency Telephone Number: (800) 424-9300 (CHEMTREC)

SECTION 2: Hazard(s) Identification

Symptoms: Permethrin: Symptoms of over exposure are diarrhea, salivation, tremors, convulsions, hyperactivity and hypersensitivity to touch or sound
Flammability: Not flammable
Reactivity: Stable under normal storage conditions.
Carcinogenicity: Not carcinogenic.

SECTION 3: Composition/Information on Ingredients

Material	% by weight	CAS#	OSHA PEL
Permethrin	0.25	52645-53-1	None Established
Inert Ingredients	99.75	—	None Established

SECTION 4: First-aid Measures

Eye Contact: Flush eyes with water for 15 minutes. Seek medical attention if irritation persists.
Inhalation: Remove affected person to fresh air. Administer artificial respiration if necessary. Call poison control center for further treatment advice.
Ingestion: Call poison control center. Give victim 1 or 2 glasses of water, and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person.
Dermal Contact: Flush with plenty of water. Get medical attention if irritation persists.

Physician's Information: You may also contact SafetyCall[®] International (866) 897-8050 for emergency medical treatment information.

SECTION 5: Fire-fighting Measures

Flash Point: Will not flash.
Extinguishing Media: CO2, water fog, dry chemical, foam

Procedures: Use self-contained breathing apparatus. Cool the fire exposed areas and equipment.

Unusual Fire Hazards: May release irritating and toxic gases due to thermal decomposition or combustion. Refer to Section 10 for more information.

Upper Flammability Limit: N/A

Lower Flammability Limit: N/A

SECTION 6: Accidental Release Measures

Absorbent Materials: Universal or oil-only absorbent pads, vermiculite, absorbent booms, or clay granules.

Containment: Do not discharge into municipal wastewater or public storm drains. Eliminate run off as much as possible.

Waste Disposal: Dispose of waste material in municipal land fill or through licensed TSDF. Open dumping is prohibited. Not an RCRA hazardous waste.

Reporting: Report all major spills and uncontrolled releases to proper local, state, and federal agencies.

SECTION 7: Handling and Storage

Storage Conditions: Do not store near feed, food, or within the reach of children. Containers should be stored in a cool, dry, well-ventilated area away from flammable materials and ignition sources.

Special Handling: Exercise caution to prevent damage to or leakage from the containers.

SECTION 8: Exposure controls/personal protection

Engineering Controls: Use only in adequately ventilated areas.

Eye Protection: Safety glasses recommended.

Respiratory Protection: None required.

Dermal Protection: Chemical resistant gloves.

SECTION 9: Physical and chemical properties

Odor: Mild

Physical State: Liquid

Color: White

Vapor Pressure: N/A

Bulk Density: See specific gravity

Viscosity: N/A

Melting Point: N/A

Flash Point: None

Specific Gravity: 0.992 (g/ml)

pH: Liquid pH: Neutral (6- 8)

Water solubility: Miscible

Refractive Index: N/A

10. STABILITY AND REACTIVITY

Flash Point: Will not flash.

Lower Flammability Limit: N/A
Upper Flammability Limit: N/A
Hazardous Polymerization: Will not occur.
Conditions to Avoid: Stable under normal storage conditions.

11. TOXICOLOGICAL DATA

Routes of Exposure: Dermal, eye, inhalation
Skin Contact: Mildly irritating.
Eye Contact: Mildly irritating.
Ingestion: Permethrin is a neurotoxin. Ingestion may induce neurotoxic symptoms including diarrhea, salivation, tremors, convulsions, hyperactivity and hypersensitivity to touch or sound.
Oral LD50: >300 mg/kg
Dermal LD50: >1000 mg/kg
Inhalation LC50 >10 mg/kg

SECTION 12: Ecological Information

Aquatic: LC50 (96h) for rainbow trout: 2.5 ug/L
(Permethrin) LC50 (96h) for Bluegill: 1.8 ug/L
Avian: LD50 Bobwhite quail: >10,000 mg/kg
(Permethrin)
Bioaccumulation: Does not bioaccumulate.

Summary: This product is extremely toxic to fish. Do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area. Sweeping any product that lands on a driveway, sidewalk, or street, back onto the treated area of the lawn or garden will help to prevent run off to water bodies or drainage system. This pesticide is highly toxic to bees exposed to direct treatment on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds while bees are actively visiting the treatment area.

13. DISPOSAL CONSIDERATION

Pesticide Disposal: Must be disposed of at or by an approved waste disposal facility.
Container Disposal: Non-refillable container. Do not reuse or refill this container. Then dispose of container in a sanitary landfill or, if allowed by the State and local authorities, by burning. If burned, stay out of smoke.
If empty: Place in trash or offer for recycling if available.
If partly filled: Call your local solid waste agency for disposal instructions. Unless otherwise instructed, place in trash. Never place unused product down any indoor or outdoor drain.

14. TRANSPORTATION DATA

DOT: Not Regulated.

IATA: Not Regulated.
IMDG: Not Regulated.
Federal Motor Carrier Classification: Not Regulated.
Insecticide, Liquid, Other than Agriculture N.O.I.B.N.

SECTION 15: Regulatory Information

Section 302/TPO: Contains no components listed under section 302.
(emergency planning)
Section 304/EHS RO: Contains no components listed under section 304.
(release notification)
CERCLA RO: Not regulated by CERCLA.
(release notification)
Section 311/Tier II: Acute health hazard.
(SDS submission)
Section 313/TR Chemicals: 0.25 Permethrin, CAS-52645-53-1
RCRA Haz-Waste Code(s): None
CAA TQ: None
(air emissions)

SECTION 16: Other Information

HMIS HAZARD RATING: - HEALTH: 1 Slight - FIRE: 1 Slight - REACTIVITY: 0 Negligible
PROTECTION: B

NIPS HAZARD RATING: - HEALTH: 1 Slight - FIRE: 1 Slight - REACTIVITY: 0 Negligible -
SPECIAL:

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall Southern Agricultural Insecticides, Inc. be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if Southern Agricultural Insecticides, Inc. has been advised of the possibility of such damages.