

SAFETY DATA SHEET

1. IDENTIFICATION

Product identifier: R&M Aloe Repellant Treatment #11 – DURVET EAR MITE KILLER

Manufacturer Name: Contract Packaging, Inc.
Address: 14481 Lochridge Blvd.
Covington, GA 30014

Telephone number: 866-644-8600

Durvet Ear Mite Killer
DISTRIBUTED BY:
Durvet, Inc.
100 SE Magellan Dr
Blue Springs, MO 64014
800-821-5570

Emergency phone number: 866-644-8600

Recommended use: Kills on contact and repels ear mites, flies, mosquitoes, gnats, fleas, ticks, mange mites on exposed skin surfaces for 3-5 days.

Restrictions on use: It is a violation of federal law to use this product in a manner inconsistent with its labeling.

Date of Preparation: September 16, 2014

2. HAZARD(S) IDENTIFICATION

Classification:

Physical	Health
Not hazardous	Eye Irritation Category 2 Skin Sensitization Category 1A

Label Elements



WARNING

Causes serious eye irritation.
May cause allergic skin reaction.

Avoid breathing mist, vapors, and spray.
Wash thoroughly after handling.
Wear eye protection and protective gloves.
Contaminated clothing should not be allowed out of the workplace.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice.
IF ON SKIN: Wash with plenty of soap and water.

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If skin irritation or rash occurs: Get medical advice.

Wash contaminated clothing before reuse.

Dispose of in accordance with local, regional, and national regulations

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical name	CAS No.	Percent
Non-hazardous Ingredients	Mixture	97.35
Piperonyl butoxide	51-03-6	1.0
Di-n-propyl isochinchomeronate	136-45-8	1.0
4-chloro-3,5-xyleneol	88-04-0	0.5
N-octyl bicycloheptene dicarboximide	113-48-4	0.5
Pyrethrins	8003-34-7	0.15

4. FIRST-AID MEASURES

Inhalation: Move person to fresh air. Call a poison center or doctor for further treatment advice.

Skin contact: Take off contaminated clothing. Immediately skin with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

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 center or doctor for treatment advice.

Ingestion: Rinse mouth with water. Call a poison center or doctor for treatment advice. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person.

Most important symptoms/effects, acute and delayed: May cause severe eye irritation. Prolonged contact may cause skin irritation. Contact may cause allergic skin reaction (sensitization). Inhalation may cause irritation.

Indication of immediate medical attention and special treatment, if necessary: Immediate medical attention should not be required.

5. FIRE-FIGHTING MEASURES

Extinguishing media: Use media appropriate for the surrounding fire.

Specific hazards arising from the chemical: Product is not flammable. Thermal decomposition may produce oxides of carbon.

Special protective equipment and precautions for fire-fighters: Firefighters should wear positive pressure self-contained breathing apparatus and full protective clothing.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment, and emergency procedures: Wear appropriate protective clothing and equipment as described in Section 8. Avoid contact with eyes, skin and clothing.

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Environmental Precautions: Prevent spill from entering sewers and water courses. Report releases as required by local and national authorities.

Methods and materials for containment and cleaning up: Collect with an inert absorbent and place into a suitable container for disposal.

7. HANDLING AND STORAGE

Precautions for safe handling: Refer to pesticide label for additional safety precautions and instructions for use. For normal outdoor or indoor use: Avoid contact with eyes, skin, and clothing. Wash thoroughly with soap and water after handling. Promptly remove and launder any contaminated clothing. Processing and Packaging: Wear appropriate personal protective equipment as described in Section 8. Wear suitable protective clothing to avoid contamination of personal clothing. Do not allow contaminated work clothes out of the workplace.

Conditions for safe storage, including any incompatibilities: Store in a cool, dry (preferably locked) place inaccessible to children or pets.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure guidelines:

Inert Ingredients	None Established
Piperonyl butoxide	None Established
Di-n-propyl isochinchomeronate	None Established
4-chloro-3,5-xyleneol	None Established
N-octyl bicycloheptene dicarboximide	None Established
Pyrethrins	5 mg/m ³ TWA OSHA PEL 5 mg/m ³ TWA ACGIH TLV

Appropriate engineering controls: Use only with adequate ventilation. For processing and packaging, use with adequate general or local exhaust ventilation to minimize exposure and maintain concentrations below the exposure limits.

Individual protection measures:

Respiratory protection: None needed when used with adequate ventilation. For processing and packaging: if exposure limits are exceeded, a NIOSH approved organic vapor/dust/mist respirator is recommended. Selection of respiratory protection depends on the contaminant type, form and concentration. Select in accordance with OSHA 1910.134 and good Industrial Hygiene practice.

Skin protection: Impervious gloves such as rubber recommended for bulk handling. Wear coveralls over a short-sleeve shirt and pants when mixing and applying this product.

Eye protection: Chemical safety goggles recommended.

Other: None known.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance (physical state, color, etc.): Off-white liquid.

Odor: Herbal.

Odor threshold: Not applicable	pH: 6-7
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Melting point/freezing point: Not applicable	Boiling Point: Not applicable
Flash point: Not flammable	Evaporation rate: Not applicable
Flammability (solid, gas): Not applicable	VOC: Not applicable
Flammable limits: LEL: Not applicable	UEL: Not applicable
Vapor pressure: Not available	Vapor density: Not applicable
Relative density: 0.923	Solubility(ies): Not soluble
Partition coefficient: n-octanol/water: Not available	Auto-ignition temperature: Not available
Decomposition temperature: Not available	Viscosity: Not applicable

10. STABILITY AND REACTIVITY

Reactivity: Not reactive under normal conditions of use.

Chemical stability: Stable.

Possibility of hazardous reactions: None known.

Conditions to avoid: None known.

Incompatible materials: None known.

Hazardous decomposition products: None known.

11. TOXICOLOGICAL INFORMATION

Acute effects of exposure:

Inhalation: Inhalation may cause irritation of the mucous membranes and upper respiratory tract.

Ingestion: No adverse effects are expected for small quantities ingested. Ingestion of large quantities may cause gastrointestinal irritation with diarrhea and vomiting.

Skin contact: Prolonged skin contact may cause skin irritation. Repeated contact may cause allergic skin reaction (sensitization).

Eye contact: Causes moderate eye irritation.

Chronic Effects:

Sensitization: Product may cause skin sensitization.

Germ Cell Mutagenicity: Components are not germ cell mutagens.

Reproductive Toxicity: None of the components are reproductive hazards.

Carcinogenicity: None of the components are listed as carcinogens or suspected carcinogens by IARC, NTP, ACGIH or OSHA.

Acute Toxicity Values:

Piperonyl butoxide: Oral rat LD50: 5630 mg/kg; Inhalation rat LC50: >5.9 mg/L/4hr; Skin rabbit LD50 >2000 mg/kg

N-octyl bicycloheptene dicarboximide: Oral rat LD50: 2800 mg/kg; Skin rat LD50: 470 mg/kg

Pyrethrins: Oral rat LD50: 584-900 mg/kg; Inhalation rat LC50: 3.4 mg/L/4hr

12. ECOLOGICAL INFORMATION

Ecotoxicity values: The product is toxic to fish. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high-water mark. Do not contaminate water when disposing of equipment washwaters or rinsate.

Persistence and degradability: No data available.

Bioaccumulative potential: No data available.

Mobility in soil: No data available.

Other adverse effects: None known.

13. DISPOSAL CONSIDERATIONS

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Dispose in accordance with all local, state and federal regulations. No specific disposal method is recommended.

Pesticide/Container Disposal: If empty: Non-refillable container; do not reuse or refill this container. Offer for recycling if available. If partially filled: Call your local solid waste agency for disposal instructions. Never place unused product down any or outdoor drain.

14. TRANSPORT INFORMATION

	UN Number	Proper shipping name	Hazard Class	Packing Group	Environmental Hazard
DOT		Not regulated*			
TDG		Not regulated			
IMDG		Not regulated			
IATA		Not regulated			

* Shipments >666 lbs in a single package are subject to RQ requirements.

Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code): Not applicable – product is transported only in packaged form.

Special precautions: None known.

15. REGULATORY INFORMATION

This chemical is a pesticide product registered by the United States Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets (SDS), and for workplace labels of non-pesticide chemicals. The hazard information required on the pesticide label is reproduced below. The pesticide label also includes other important information, including directions for use.

FIFRA Labeling:

PRECAUTIONARY STATEMENTS

Hazards to Humans & Domestic Animals

CAUTION

Humans: Causes moderate eye irritation. Avoid contact with eyes, skin or clothing. Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Remove and wash contaminated clothing before reuse. Animals: Do not apply to animals less than 12 weeks old. Consult a veterinarian before applying this product on medicated, debilitated, aged, pregnant or nursing animals. Avoid contact with eyes. If in eyes, flush with water. Sensitivities may occur after using ANY pesticide product for pets. If signs of sensitivity occur, bathe your pet with mild soap and rinse with large amounts of water. If signs continue, immediately consult a veterinarian.

Safety, health, and environmental regulations specific for the product in question.

CERCLA: This product has an RQ of 666 lbs based on the RQ of Pyrethrins of 1 lb present at 0.15%. Many states have more stringent release reporting requirements. Report spills as required under federal, state and local regulations.

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SARA Hazard Category (311/312): Acute Health

EPA SARA 313: This product contains the following chemicals regulated under SARA Title III, section 313:

Piperonyl butoxide	51-03-6	1.0%
Di-n-propyl isochinchomeronate	136-45-8	1.0%

EPA TSCA Inventory: All components of this product are listed on TSCA or exempt.

California Proposition 65: This product contains a chemical known to the state of California to cause cancer and/or reproductive harm.

CANADA:

Canadian CEPA: All components are listed on the Canadian DSL or exempt.

Canadian WHMIS Classification: D-2-B (Materials causing other toxic effects)

This product has been classified under the CPR and this SDS discloses information elements required by the CPR.

16. OTHER INFORMATION

NFPA Rating: Health = 2 Flammability = 1 Instability = 0
HMIS Rating: Health = 2 Flammability = 1 Physical Hazard = 0

SDS Revision History: New SDS

Date of preparation: September 16, 2014

NOTICE

This above information is believed to be correct but does not propose to be all inclusive and shall be used only as a guide. EST, LLC. shall not be held liable for any damage resulting from handling or from contact with the above product. This information relates only to the product designated herein and does not relate to its use in combination with any other material or process.