

SECTION 1 – IDENTIFICATION

Product Identifier: BIO-GROOM® EAR MITE TREATMENT

Product Code: 14000

Recommended Use: Pet Grooming / Pest Control

Restrictions on Use: Use only as directed per label instructions.

Manufactured By: Bio-Derm Laboratories, Inc.
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800-762-0232

E-mail: bioderm@biogroom.com

24-Hour Emergency Number: 800-424-9300 (Within USA and Canada)
+1 703-527-3887 (Outside USA and Canada)

SECTION 2 – HAZARD(S) IDENTIFICATION

Product Hazard Classification: Flammable Liquids: Category 3
Eye Irritation: Category 2A

Hazard Pictogram(s):



Signal Word: WARNING

Hazard Statements: Flammable liquid and vapor.
Causes serious eye irritation.
May be harmful if swallowed.
Harmful to aquatic life.

Precautionary Statements

Prevention: Keep away from heat/sparks/open flames/hot surfaces; do not smoke when using.
Keep out of reach of children.
Read label and SDS before use.
Use only outdoors or in a well-ventilated area.
Wash hands thoroughly after handling.
Wear eye protection.
Avoid release to the environment.

Response: 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 attention.
IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a poison control center or a doctor if individual feels unwell.
IF SWALLOWED: Immediately call a poison control center or a doctor. DO NOT induce vomiting.

Storage: Store in a cool, well-ventilated place. Store locked up.

Disposal: Dispose of contents and container in accordance with all local, regional and national regulations.

SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

<u>Chemical Name</u>	<u>Synonym(s)</u>	<u>CAS Number</u>	<u>Concentration (% Wt)</u>
Isopropyl Alcohol	N/A	67-63-0	50 – 60
Piperonyl Butoxide	N/A	51-03-6	1.50
Pyrethrin	N/A	8003-34-7	0.15

SECTION 4 – FIRST-AID MEASURES

Route of Exposure

Inhalation:	Remove person to fresh air and keep comfortable for breathing. Call a physician or poison control center if individual feels unwell.
Eye Contact:	Hold eyelids open and rinse slowly and gently for at least 15 minutes. Seek medical attention immediately for treatment advice.
Skin Contact:	Remove contaminated clothing. Rinse affected area with plenty of water. Consult a physician if irritation persists.
Ingestion:	Contact a physician or poison control center immediately. DO NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person.

SECTION 5 – FIRE-FIGHTING MEASURES

Suitable Extinguishing Media:	Water spray, CO ₂ , dry chemical or alcohol-resistant firefighting foam.
Unsuitable Extinguishing Media:	Do not use water jet.
Specific Hazards from Product:	Flammable liquid and vapors. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of subsequent explosion. Vapors/gas may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back, causing fire or explosion. Runoff to sewer may create fire or explosion hazard.
Hazardous Thermal Decomposition Products:	Carbon dioxide (CO ₂); carbon monoxide (CO).
Specific Firefighting Methods:	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.
Special Protective Equipment/Precautions for Firefighters:	Firefighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in a positive pressure mode.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures:	Eliminate all ignition sources. Put on appropriate personal protective equipment to avoid contact with eyes, skin and clothing. Ensure adequate ventilation.
Environmental Precautions And Clean-Up Methods:	Collect spill with earth, sand or other absorbent material. Place in container for appropriate disposal (see Section 13). Product is toxic to fish and other aquatic invertebrates. Take care to avoid environmental release. Contaminated absorbent and wash water should be disposed of according to local, state/provincial and federal/national regulations.

SECTION 7 – HANDLING AND STORAGE

Precautions for Safe Handling: Keep away from heat and sources of ignition. Do not contaminate water, food or feedstuffs by storage, handling or disposal. Use only in well ventilated areas. Handle product in accordance with good industrial hygiene and safety practices. Wash thoroughly with soap and water after handling and before eating, drinking, using tobacco or using the toilet. Keep container closed when not in use.

Conditions for Safe Storage: Do not store near heat, sparks or open flame. Store in a cool, well-ventilated place. Keep container tightly closed. Keep out of reach of children.

SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limits: (Note: N/A = Not Applicable; N/E = Not Established)

<u>Chemical Name</u>	<u>CAS Number</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Isopropyl Alcohol	67-63-0	400 ppm	200 ppm
Piperonyl Butoxide	51-03-6	N/E	N/E
Pyrethrin	8003-34-7	5 mg/m ³	5 mg/m ³

Engineering Controls: Ensure adequate ventilation, especially in confined areas.

Personal Protective Equipment

Eye Protection: Wear safety glasses or goggles.

Skin Protection: To prevent repeated or prolonged contact, wear impervious protective clothing (gloves, aprons, etc.) made from rubber, nitrile or neoprene.

Respiratory Protection: Not generally required. If respiratory protection is required, a respiratory program meeting OSHA's 29CFR 1910.34 and ANSI Z88.2 requirements must be followed.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid.	Lower Flammability Limit:	No data available.
Color:	Colorless.	Vapor Pressure:	No data available.
Odor:	Characteristic.	Vapor Density:	No data available.
Odor Threshold:	No data available.	Relative Density:	0.80 – 0.90
pH:	7.0 – 9.0	Solubility in Water:	Soluble.
Melting/Freezing Point:	No data available.	Partition Coefficient	
Initial Boiling Point/Range:	≥ 83°C	(n-octanol/water):	No data available.
Flash Point:	29°C ± 2°C	Auto-Ignition Temperature:	No data available.
Evaporation Rate:	No data available.	Viscosity:	2,000 – 3,000 cps
Flammability (Solid/Gas):	No data available.	Decomposition Temperature:	No data available.
Upper Flammability Limit:	No data available.	VOC Content (wt %):	No data available.

SECTION 10 – STABILITY AND REACTIVITY

Reactivity: Under normal conditions of storage and use, hazardous reactions will not occur.

Stability: Stable under normal conditions.

Hazardous Reactions: None known under normal conditions.

Conditions to Avoid: Avoid all possible sources of ignition. Keep away from heat, sparks and flames.

Incompatible Materials: Acids; strong oxidizers.

Hazardous Decomposition Products: None known under normal conditions.

SECTION 11 – TOXICOLOGICAL INFORMATION

Acute/Potential Health Effects

Inhalation: May irritate respiratory tract and mucous membranes.
Eye Contact: May cause serious eye irritation. Symptoms include stinging, tearing and redness.
Skin Contact: May cause redness or irritation.
Ingestion: May be harmful if swallowed.
Chronic/Long Term Effects: None known.
Carcinogenic Information: This material is not listed as a carcinogen by IARC, NTP or OSHA.

Symptoms Related to the Physical Chemical and Toxicological Characteristics: No information available.

Delayed/Immediate/Chronic Effects from Short- and Long-Term Exposure

Acute Toxicity: No known effect.
Skin Corrosion/Irritation: No known effect.
Serious Eye Damage/Eye Irritation: May cause serious eye irritation.
Skin Sensitization: No known effect.
Respiratory Sensitization: No known effect.
Germ Cell Mutagenicity: No known effect.
Carcinogenicity: No known effect.
Reproductive Toxicity: No known effect.
Developmental Toxicity: No known effect.
Specific Target Organ Toxicity: No known effect.
Aspiration Hazard: No known effect.

Product Information

Acute Toxicity of Mixture: Not determined.

Component Information

<u>Chemical Name</u>	<u>CAS Number</u>	<u>LD₅₀ Oral</u>	<u>Exposure Time</u>	<u>Species</u>
Isopropyl Alcohol	67-63-0	5,000 mg/kg	N/A	Rat
Piperonyl Butoxide	51-03-6	4,570 mg/kg	N/A	Rat
Pyrethrin	8003-34-7	1,030 mg/kg	N/A	Rat

<u>Chemical Name</u>	<u>CAS Number</u>	<u>LC₅₀ Inhalation</u>	<u>Exposure Time</u>	<u>Species</u>
Isopropyl Alcohol	67-63-0	>10,000 mg/l	6 hours	Rat
Piperonyl Butoxide	51-03-6	> 5.9 mg/l	4 hours	Rat
Pyrethrin	8003-34-7	3.4 mg/l	4 hours	Rat

SECTION 12 – ECOLOGICAL INFORMATION

Ecotoxicity: This pesticide is toxic to aquatic organisms, including fish and invertebrates. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters. Use caution to not discharge effluent containing this product into sewer systems. Do not contaminate water when disposing of equipment wash-waters.

Persistence and Degradability: No information available.

Bioaccumulative Potential: No information available.

Mobility in Soil: No information available.

Other Adverse Effects: None known.

SECTION 13 – DISPOSAL CONSIDERATIONS

Disposal Method:	Empty container may contain residues of flammable liquid or vapor. Use caution when handling. Follow all safety instructions and good hygiene practices. Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative of the nearest EPA Regional Office for guidance.
Empty Container:	Product is sold in a non-refillable container. DO NOT reuse or refill empty container. Triple rinse container (or equivalent) promptly after emptying. Then, offer for recycling if available, or reconditioning if appropriate, or puncture and dispose of container in a sanitary landfill, or by other procedures approved by state and local authorities.

SECTION 14 – TRANSPORT INFORMATION

Certain shipping modes or package sizes may have exceptions from the transport regulations. The classification provided may not reflect those exceptions and may not apply to all shipping modes or package sizes.

UN Number:	UN1993
DOT Proper Shipping Name:	Flammable liquids, n.o.s.
Hazard Class:	3
Packing Group:	III

SECTION 15 – REGULATORY INFORMATION

SARA Title III Sections 311/312

Hazardous Categories: Acute (X) Chronic () Fire (X) Pressure () Reactive () Not Applicable ()

SARA Title III Section 313:

The following components are subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA):

Isopropyl Alcohol	CAS #67-63-0	57.0%
Piperonyl Butoxide	CAS #51-03-6	1.5%

California Proposition 65:

This product does not contain any chemicals known to the State of California to cause cancer, birth defects or any reproductive harm.

FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) Information:

EPA Registration No.: 15297-19 EPA Establishment No.: 15297-TX-1

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 may differ from the classification criteria and hazard information required for Safety Data Sheets, and for workplace labels of non-pesticide chemical products.

SECTION 16 – OTHER INFORMATION

Revision Date:	October 30, 2023	Revision 2
Electronic Availability:	The Safety Data Sheet (SDS) for this and all other Bio-Derm Laboratories, Inc. products are available on the company website at www.biogroom.com/sds/ .	
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