

## SECTION 1 – IDENTIFICATION

<b>Product Identifier:</b>	<b>BIO-GROOM<sup>®</sup> EAR-CARE<sup>™</sup> EAR CLEANER PADS</b>
<b>Product Code:</b>	51160
<b>Recommended Use:</b>	Pet Grooming / Wellness
<b>Restrictions on Use:</b>	Use only as directed per label instructions.
<b>Manufactured By:</b>	Bio-Derm Laboratories, Inc. PO Box 8070 Longview, Texas 75602 800-762-0232
<b>E-mail:</b>	bioderm@biogroom.com
<b>24-Hour Emergency Number:</b>	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.

**Precautionary Statements**

**Prevention:** Keep out of reach of children.  
Read label and SDS before use.  
Keep away from heat, sparks, open flames and hot surfaces.  
Do not smoke when using.  
Wash hands thoroughly after handling.  
Wear eye protection.

**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.

**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.

**Other Non-Classified Hazards:** None identified.

### 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	20 – 30

### SECTION 4 – FIRST-AID MEASURES

#### Route of Exposure

<b>Inhalation:</b>	Remove person to fresh air and keep comfortable for breathing. Call a physician or poison control center if individual feels unwell.
<b>Eye Contact:</b>	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical attention if irritation persists.
<b>Skin Contact:</b>	Rinse affected area with plenty of water. Consult a physician if irritation persists.
<b>Ingestion:</b>	Drink 1-2 glasses of water or milk. DO NOT induce vomiting. Seek immediate medical attention if symptoms occur.

### SECTION 5 – FIRE-FIGHTING MEASURES

<b>Suitable Extinguishing Media:</b>	Water spray, CO <sub>2</sub> , dry chemical or alcohol-resistant firefighting foam.
<b>Unsuitable Extinguishing Media:</b>	Do not use water jet.
<b>Specific Hazards from Product:</b>	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.
<b>Hazardous Thermal Decomposition Products:</b>	Carbon dioxide (CO <sub>2</sub> ); carbon monoxide (CO).
<b>Specific Firefighting Methods:</b>	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.
<b>Special Protective Equipment/Precautions for Firefighters:</b>	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

<b>Personal Precautions:</b>	Put on appropriate personal protective equipment (see Section 8).
<b>Environmental Precautions And Clean-Up Methods:</b>	Eliminate all ignition sources. Stop all leaks if without risks. Prevent runoff from entering drains, sewers, streams or other bodies of water. Absorb spill with inert material. Transfer contaminated absorbent to containers for disposal.

### SECTION 7 – HANDLING AND STORAGE

<b>Precautions for Safe Handling:</b>	Keep away from heat and sources of ignition. Handle in accordance with good industrial hygiene and safety practices.
<b>Conditions for Safe Storage:</b>	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:

<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

**Engineering Controls:** Good general ventilation required.

### 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

<b>Physical State:</b>	Liquid absorbed into cotton pads.	<b>Explosive Properties:</b>	No data available.
<b>Color:</b>	Colorless liquid / White pads.	<b>Oxidizing Properties:</b>	No data available.
<b>Odor:</b>	Eucalyptol.	<b>Vapor Pressure:</b>	No data available.
<b>Odor Threshold:</b>	No data available.	<b>Vapor Density:</b>	No data available.
<b>pH:</b>	2.3 – 3.8 (Liquid)	<b>Relative Density:</b>	0.90 – 1.00 (Liquid)
<b>Melting/Freezing Point:</b>	No data available.	<b>Solubility(ies):</b>	Soluble in water.
<b>Initial Boiling Point/Range:</b>	≥ 83°C (Liquid)	<b>Partition Coefficient (n-octanol/water):</b>	No data available.
<b>Flash Point:</b>	26°C ± 2°C (Liquid)	<b>Auto-Ignition Temperature:</b>	No data available.
<b>Evaporation Rate:</b>	No data available.	<b>Viscosity:</b>	< 100 cps (Liquid)
<b>Explosive Limit Ranges:</b>	No data available.	<b>Decomposition Temperature:</b>	No data available.
		<b>VOC Content (wt %):</b>	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:** Extended exposure to concentrated vapors may cause central nervous system depression. May cause headache, nausea, drowsiness and/or dizziness.

**Eye Contact:** May cause serious eye irritation. Symptoms include stinging, tearing and redness.

**Skin Contact:** No known effect.

**Ingestion:** May cause central nervous system depression. Irritating to mouth, throat and stomach.

## SECTION 11 – TOXICOLOGICAL INFORMATION (CONTINUED)

**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.

### Component Information

<u>Chemical Name</u>	<u>CAS Number</u>	<u>LD<sub>50</sub> Oral</u>	<u>Exposure Time</u>	<u>Species</u>
Isopropyl Alcohol	67-63-0	5,000 mg/kg	N/A	Rat

<u>Chemical Name</u>	<u>CAS Number</u>	<u>LC<sub>50</sub> Inhalation</u>	<u>Exposure Time</u>	<u>Species</u>
Isopropyl Alcohol	67-63-0	>10,000 mg/l	6 hours	Rat

### Product Information

**Acute Toxicity of Mixture:** Not determined.  
**Acute Toxicity Estimate Basis:** Additivity formula.  
**ATE<sub>MIX</sub> (Oral):** 18,519 mg/kg.

## SECTION 12 – ECOLOGICAL INFORMATION

**Ecotoxicity:** This product is not expected to adversely impact the environment.

**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

### Waste Residues

**Safe Handling:** Used pads and empty container may contain residues of flammable liquid or vapor. Follow all safety instructions and good hygiene practices.

**Disposal Method:** Used pads and empty container may be discarded in trash or recycled where practicable. Disposal of unused, waste or contaminated product should be in accordance with all applicable federal, state and local regulations.

## 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	27.0%
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### TSCA Status:

All chemical substances found in this product comply with the Toxic Substances Control Act Inventory reporting requirements.

### 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.

## SECTION 16 – OTHER INFORMATION

### Revision Date:

December 4, 2015

### 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/](http://www.biogroom.com/sds/).

### Disclaimer:

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