

SECTION 1 – IDENTIFICATION

Product Identifier:	BIO-GROOM[®] EAR-CARE[™] EAR CLEANER
Product Code:	51800
Recommended Use:	Pet Grooming / Wellness
Restrictions on Use:	Use only as directed per label instructions.
Manufactured By:	Bio-Derm Laboratories, Inc. PO Box 8070 Longview, Texas 75602 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.

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

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

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:	Put on appropriate personal protective equipment (see Section 8).
Environmental Precautions And Clean-Up Methods:	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

Precautions for Safe Handling:	Keep away from heat and sources of ignition. Handle in accordance with good industrial hygiene and safety practices.
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:

<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

Physical State:	Liquid.	Oxidizing Properties:	No data available.
Color:	Colorless.	Vapor Pressure:	No data available.
Odor:	Eucalyptol.	Vapor Density:	No data available.
Odor Threshold:	No data available.	Relative Density:	0.90 – 1.00
pH:	2.3 – 3.8	Solubility(ies):	Soluble in water.
Melting/Freezing Point:	No data available.	Partition Coefficient	
Initial Boiling Point/Range:	≥ 83°C	(n-octanol/water):	No data available.
Flash Point:	26°C ± 2°C	Auto-Ignition Temperature:	No data available.
Evaporation Rate:	No data available.	Viscosity:	< 100 cps
Explosive Limit Ranges:	No data available.	Decomposition Temperature:	No data available.
Explosive Properties:	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: 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>LD₅₀ 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>LC₅₀ 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_{MIX} (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: Empty container may contain residues of flammable liquid or vapor. Use caution when handling. Follow all safety instructions and good hygiene practices.

Disposal Method: 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%
-------------------	--------------	-------

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 3, 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/.

Disclaimer:

While the information is believed to be correct, Bio-Derm Laboratories, Inc. shall in no event be responsible for any damages whatsoever, either directly or indirectly, resulting from any publication or use of or reliance upon data contained herein. No warranty, either expressed or implied, of merchantability, of fitness for a particular purpose, or of any other nature with respect to the product or to the data, is made herein.