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# Safety Data Sheet

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## ProNatural Biofilm Remover

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### SECTION 1. IDENTIFICATION

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**Product Name:** ProNatural Biofilm Remover

**Synonyms:** None

**CAS Number:** Not applicable

**Product Use:** General purpose grime and biofilm remover and cleaner

**Manufacturer/Supplier:** ProNatural Brands, LLC

**Address:**

7870 Lehigh Crossing

Victor, NY 14564

**General Information:** 1-844-836-3856

**Emergency Number:** 1-844-836-3856

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### SECTION 2. HAZARD(S) IDENTIFICATION

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**GHS Classification:**

Health	Environmental	Physical
Eye irritation, Category 2B Skin irritation, Category 3	Not classified (not hazardous)	Not classified (not hazardous)

**GHS Signal Word:**

Warning

**GHS Symbol(s):**

None

**GHS Statements:**

<p><b>Hazard Statements</b></p> <p>H320 Causes eye irritation H316 Causes mild skin irritation</p>
<p><b>Precautionary Statements</b></p> <p>P101 If medical advice is needed, have product container or label at hand. P102 Keep out of reach of children. P103 Read label before use. P264 Wash any exposed body parts thoroughly after handling. P332 + P313 If skin irritation occurs: Get medical advice/attention. P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337 + P313 If eye irritation persists: Get medical advice/attention.</p>

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**SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS**

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**Hazardous Components:**

Component	CAS Number	Weight %	Impurities	Classification of Pure Undiluted Material
Citric acid	77-92-9	24 – 30	None	• Eye and skin irritant
Isopropyl alcohol (rubbing alcohol, isopropanol)	67-63-0	4 – 6	None	• Flammable liquid • Serious eye irritant • May cause drowsiness or dizziness

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**SECTION 4. FIRST-AID MEASURES**

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**Inhalation:** None

**Skin contact:** Wash skin with water to remove liquid. Get medical attention if irritation develops.

**Eye contact:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops.

**Ingestion:** If swallowed do not induce vomiting- contact a physician or poison control center.

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## **SECTION 5. FIREFIGHTING MEASURES**

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**Suitable Extinguishing Media:** Use appropriate extinguishing media for an aqueous liquid containing 4 – 6% isopropanol (alcohol).

**Fire Fighting Procedures:** Use appropriate firefighting procedures for an aqueous liquid containing 4 – 6% isopropanol (alcohol).

**Unusual Fire and Explosion Hazards:** None known.

**Combustion Products:** None known.

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## **SECTION 6. ACCIDENTAL RELEASE MEASURES**

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**Personal Precautions:** Do not eat, drink or smoke while cleaning up.

**Environmental Precautions:** None.

**Methods and Materials for Containment and Cleaning Up:** For small spills, soak up with towels or other means and rinse with water. For large spills, soak up with absorbent media or other means and rinse with water. Dispose of waste in regular trash or at an appropriate waste disposal facility in accordance with current applicable laws and regulations and product characteristics at time of disposal (see also Section 13).

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## **SECTION 7. HANDLING AND STORAGE**

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**Handling:** Avoid contact with eyes and skin. Use good personal hygiene practices. Wash hands before eating, drinking, or smoking. Remove contaminated clothing and clean before re-use.

**Storage:** Store in tightly closed containers in cool area away from heat and incompatibles. Store at ambient or lower temperature but do not freeze. Store out of direct sunlight. Keep containers tightly closed and upright when not in use. Protect against physical damage.

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## **SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

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**Exposure Limits:**

Component	CASRN #	Value	Control Parameters	Basis
Isopropyl alcohol	67-63-0	TWA	200 ppm	USA. ACGIH TLV
		STEL	400 ppm	USA. ACGIH TLV
		TWA	400 ppm	USA. OSHA PEL
		TWA	400 ppm	USA. NIOSH REL
		ST	500 ppm	USA. NIOSH REL
Remarks: Eye and upper respiratory tract irritation. Central nervous system impairment.				

**Personal Protective Equipment (PPE):**

**Eye Protection:** Safety glasses

**Skin Protection:** Gloves and regular clothing

**Respiratory Protection:** None required

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**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

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**Physical State:** Liquid

**Molecular Weight:** Mixture

**Color:** Clear to amber liquid

**Odor:** Slight alcohol

**Odor Threshold:** Not available

**pH-Value:** approximately 1.5 – 2.0 for concentrate

**Melting Point:** Not available

**Freezing Point:** Not available

**Initial Boiling Point:** Not available

**Flash Point:** Not available

**Evaporation Rate:** Not available

**Flammability:** Product does not sustain combustion when tested using ASTM method D4206 (“Standard Test Method for Sustained Burning of Liquid Mixtures Using the Small Scale Open-

Cup Apparatus”)

**Explosion Limits:** Not applicable

**Vapor Pressure:** Not available

**Vapor Density:** Not available

**Relative Density:** Not available

**Solubility:** Soluble in water

**Partition Coefficient:** Not available

**Auto-Ignition Temperature:** Not applicable

**Decomposition Temperature:** Not available

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**SECTION 10. STABILITY AND REACTIVITY**

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**Chemical Stability:** Stable liquid mixture.

**Possibility of Hazardous Reactions:** None are known.

**Conditions to Avoid:** Heat or storage below freezing.

**Materials to Avoid:** Strong bases.

**Hazardous Decomposition Products:** None are known.

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**SECTION 11. TOXICOLOGICAL INFORMATION**

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**Acute Toxicity:**

Test	Results	Basis
Oral Toxicity (Rats)	>5000 mg/kg	Based on toxicity of individual ingredients
Dermal Toxicity (Rats)	>5000 mg/kg	Based on toxicity of individual ingredients
Inhalation Toxicity, Vapor (Rats)	>2 mg/L	Based on toxicity of individual ingredients
Eye Irritation (Rabbits)	Eye irritant	Based on toxicity of individual ingredients
Dermal Irritation (Rabbits)	Skin irritant	Based on toxicity of individual ingredients

**Summary Comments:** Not expected to be toxic after oral, dermal, or inhalation exposure based on toxicity of individual ingredients and formulation of product. May cause eye and skin irritation based on properties of individual ingredients and formulation of product.

**Subchronic/Chronic Toxicity:**

Test	Results	Basis
Dermal Sensitization (Guinea Pig or Mice)	Not a sensitizer	Based on toxicity of individual ingredients

**Summary Comments:** Not a skin sensitizer based on properties of individual ingredients and formulation of product.

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**SECTION 12. ECOLOGICAL INFORMATION**

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**Persistence and Degradability:** Based on the individual ingredients, the product is readily biodegradable.

**Bio-accumulative potential:** Based on the individual ingredients, there is no evidence to suggest bioaccumulation will occur.

**Mobility:** Accidental spillage may lead to penetration in the soil and groundwater. However, there is no evidence that this would cause adverse ecological effects based on the individual ingredients in the product.

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**SECTION 13. DISPOSAL CONSIDERATIONS**

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**Waste Disposal:**

Treatment, storage, transportation, and disposal must be in accordance with applicable Federal, State/Provincial and Local regulations.

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**SECTION 14. TRANSPORT INFORMATION**

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**U.S. Department of Transportation (DOT):** Not regulated.

Product contains <24% “alcohol” (isopropanol, isopropyl alcohol) and is aqueous (>50% water by weight) and is therefore not regulated as a hazardous product or waste according to 49CFR173.150(e). In addition, product does not sustain combustion when tested using ASTM method D4206 (“Standard Test Method for Sustained Burning of Liquid Mixtures Using the Small Scale Open-Cup Apparatus”).

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**SECTION 15. REGULATORY INFORMATION**

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**Toxic Substances Control Act (TSCA):** All components of this product are included on the TSCA inventory.

**U.S. Federal Regulations:**

**SARA 302 Components:**

SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

**SARA 313 Components:**

This material does not contain any chemical components with known CAS numbers subject to SARA 313 reporting for this type of product.

**California Prop. 65 Components:**

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

**Volatile Organic Carbon (VOC)**

Product concentrate contains 4.8% (w/w) VOC (isopropanol). When diluted to minimum recommended dilution (i.e., 1:32), diluted product contains 0.17% VOC.

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**SECTION 16. OTHER INFORMATION**

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HMIS Rating

Health	1
Flammability	1
Physical	0

Personal Protection rating to be supplied by user depending on use conditions.

**STATE RIGHT-TO-KNOW LAWS**

**New Jersey**

Isopropyl alcohol                      CASRN# 67-63-0

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The information contained herein is accurate to the best of our knowledge. Pro-Natural Brands, LLC makes no warranty of any kind, express or implied, concerning the safe use of this material



in your process or in combination with other substances. It is the user's responsibility to satisfy himself as to the suitability and completeness of such information for his own particular use. We do not accept liability for any loss or damage that may occur from the use of this information.

**Responsibility for SDS:**

Pro-Natural Brands, LLC  
7870 Lehigh Crossing  
Victor, NY 14564

**Date SDS Prepared:** June 21, 2018

**Date of Last SDS Revision:** April 6, 2018