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# Safety Data Sheet

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- 1) LEXX**
- 2) LEXX Sanitizer and Cleaner Concentrate**
- 3) LEXX Disinfectant and Cleaner Concentrate**

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## **SECTION 1. IDENTIFICATION**

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**Product Names:**

- 1) LEXX
- 2) LEXX Liquid Sanitizer and Cleaner Concentrate
- 3) LEXX Disinfectant and Cleaner Concentrate

**Synonyms:** None

**CAS Number:** Not applicable

**Product Use:** EPA FIFRA approved food contact surface cleaner and sanitizer, non-food contact surface cleaner and sanitizer, and non-food contact surface cleaner and disinfectant

**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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**This product is an EPA FIFRA registered pesticide. Some classifications on this SDS are not the same as the FIFRA-required classifications on the product label. Certain sections of this SDS are superseded by federal law under EPA FIFRA for a registered pesticide including the use of personal protective equipment (PPE). Please see Section 15, REGULATORY INFORMATION for an explanation.**

**GHS Classification:**

Health	Environmental	Physical
Eye irritation, Category 2B Skin irritation, Category 2	Not classified (not hazardous)	Combustible Liquid, Category 4

**GHS Signal Word:**

Warning

**GHS Symbol(s):**



**GHS Statements:**

***Hazard Statements***

H227 Combustible liquid  
H320 Causes eye irritation  
H315 Causes skin irritation

***Precautionary Statements***

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.  
P210 Keep away from flames and hot surfaces. – No smoking.  
P280 Wear protective gloves. Not required while operating Hydra Rinse, the wand, or normal use of LEXX concentrate or diluted solution.  
P403 + P235 Store in a well-ventilated place. Keep cool.  
P501 Dispose of contents/container in accordance with local or national regulations.  
P264 Wash any exposed body parts thoroughly after handling.  
P302 + P352 IF ON SKIN: Wash with plenty of soap and water.  
P332 + P313 If skin irritation occurs: Get medical advice/attention.  
P362 + P364 Take off contaminated clothing and wash before reuse.  
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.

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

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**Hazardous Components:**

Component	CAS Number	Weight %	Impurities	Classification of Pure Material
Citric acid	77-92-9	25 – 28	None	<ul style="list-style-type: none"> <li>• Eye and skin irritant</li> </ul>
Isopropyl alcohol (rubbing alcohol, isopropanol)	67-63-0	5 – 6	None	<ul style="list-style-type: none"> <li>• Flammable liquid</li> <li>• Serious eye irritant</li> <li>• May cause drowsiness or dizziness</li> </ul>

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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:** Combustible liquid. Use appropriate extinguishing media for a combustible liquid.

**Fire Fighting Procedures:** Combustible liquid. Use appropriate firefighting procedures for a combustible liquid.

**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):**

No PPE are required when using the Hydra Rinse system, the wand, or for normal use of LEXX concentrate or diluted solution.

The following are only required during manufacturing of the LEXX concentrate solution.

**Eye Protection:** None required

**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 liquid

**Odor:** Slight alcohol

**Odor Threshold:** Not available

**pH-Value:** approximately 2 – 3 for concentrate

**Melting Point:** Not available

**Freezing Point:** Not available

**Initial Boiling Point:** Not available

**Flash Point:** 46°C

**Evaporation Rate:** Not available

**Flammability:** This product is regulated as an EPA FIFRA antimicrobial product and the flammability is classified according to the EPA antimicrobial regulations and the EPA approved label. Based on a flash point of 46°C, the product is classified as combustible.

**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	Testing of formulated product
Dermal Toxicity (Rats)	>5000 mg/kg	Testing of formulated product
Inhalation Toxicity, Vapor (Rats)	>2 mg/L	Testing of formulated product
Eye Irritation (Rabbits)	Moderate eye irritant	Testing of formulated product
Dermal Irritation (Rabbits)	Moderate skin irritant	Testing of formulated product

**Summary Comments:** Not toxic after oral, dermal, or inhalation exposure based on testing of the formulated product. May cause eye and skin irritation based on testing with the formulated product.

**Subchronic/Chronic Toxicity:**

Test	Results	Basis
Dermal Sensitization (Guinea Pig)	Not a sensitizer	Testing of formulated product

**Summary Comments:** Not a skin sensitizer based on testing of the formulated 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).

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### **SECTION 15. REGULATORY INFORMATION**

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**U.S. Environmental Protection Agency:**

***This chemical is an antimicrobial pesticide product registered by the United States Environmental Protection Agency (EPA) 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 and takes precedent over the SDS hazard information, including the use of personal protective equipment (PPE). The pesticide label also includes other important information, including directions for use. According to the EPA label (safety section reproduced below), no PPE are required when using LEXX concentrate or diluted solution:***

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**KEEP OUT OF REACH OF CHILDREN**

**CAUTION**

**FIRST AID**

<b>If in eyes:</b>	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 poison control center or doctor for treatment advice.
<b>If on skin or clothing:</b>	Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call poison control center or doctor for treatment advice.
<b>FOR MEDICAL EMERGENCY INFORMATION CALL A POISON CONTROL CENTER OR 1.844.836.3856 Have the product container or label with you when calling a poison control center or doctor, or going for treatment.</b>	

**PRECAUTIONARY STATEMENTS**

**Hazards to Humans and Domestic Animals**

**Caution:** Causes moderate eye and moderate skin irritation. Avoid contact with eyes, skin, or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.

**PHYSICAL AND CHEMICALS HAZARDS**

**Combustible.** Do not use or store near heat or open flame. Do not use in combinations with soaps, other detergents or chemicals. Do not use on electrical equipment.

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

**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 4.9% (w/w) VOC (isopropyl alcohol). When diluted to minimum recommended dilution (i.e., 1:64), diluted product contains 0.086% 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.

**This Safety Data Sheet (SDS) serves different purposes than and DOES NOT REPLACE OR MODIFY THE EPA FIFRA-APPROVED PRODUCT LABEL (attached to and accompanying the product container).** This SDS provides important health, safety, and environmental information for employers, employees, emergency responders and others handling large quantities of the product in activities generally other than product use as required by the Occupational Health and Safety Act (29 CFR 1910.1200, "Hazcom").



**The EPA FIFRA-APPROVED PRODUCT LABEL provides information specifically for product use in the ordinary course.** Use, storage and disposal of pesticide products is regulated by the EPA under the authority of FIFRA through the product label. All necessary hazard classification and appropriate precautionary use, storage, and disposal information is set forth on that label or labeling accompanying the pesticide or to which reference is made on the label. It is a violation of federal law to use an EPA-registered pesticide product in any manner inconsistent with its labeling.

**Responsibility for SDS:**

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

**Date SDS Prepared:** September 23, 2019

**Date of Last SDS Revision:** September 16, 2019