

# SAFETY DATA SHEET



Issue date 2 November 2020

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This Safety Data Sheet (SDS) is provided to assist with proper use and safe handling of this product. This product may be packaged for professional use or consumer use. Applicable professional use directions are provided on the product label and are included for easy reference in Section 16 of this SDS, and applicable professional use safety information is included on the product label and in this SDS. The U.S. OSHA Hazard Communication Standard (29 CFR 1910.1200) does not apply to "consumer products" as defined by the U.S. Consumer Product Safety Act and Federal Hazardous Substances Act, including consumer products used in the workplace under typical duration and frequency of exposure as experienced by consumers when used for the intended purpose. Applicable consumer product use and safety information is provided on the product label and is included for easy reference in Section 16 of this SDS. This SDS is designed to cover both U.S. and Canada. Differences between U.S. and Canadian requirements are noted where applicable.

## Section 1: Identification of Product and Company

Product Name	Professional Disinfecting Kitchen Cleaner - Lemongrass Citrus
Synonyms	None
Product Use	Hard Surface Disinfecting and Cleaning
Restrictions on Use	Follow directions on the product label For sale in the U.S. only. Not for export.

Manufacturer Name	Seventh Generation, Inc.
Address	60 Lake Street, Burlington, VT 05401, USA

Emergency Telephone Number	U.S., Canada
Monday -Friday 8 am - 5 pm ET (except holidays)	1-800-211-4279
Outside these hours	1-800-255-3924 (ChemTel)

## Section 2: Hazards Identification

Classification	
U.S.	This product is not considered hazardous under the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

## Section 3: Composition, Information on Ingredients

Regardless of hazard classification, Seventh Generation discloses all intentionally added ingredients and, if applicable incidental ingredients  $\geq 1\%$  on the consumer product label.

Ingredient	Function	CAS Number	Concentration <sup>1</sup>
Active ingredient		.	
thymol	antimicrobial active	89-83-8	0.05%
Other ingredients:		.	99.95%
aqua (water)	diluent	7732-18-5	30% - 100%
sodium lauryl sulfate	cleaning agent	68585-47-7	<1%
sodium citrate	water softener	68-04-2 / 6132-04-3	<1%
citric acid	water softener	77-92-9	<1%
copper sulfate pentahydrate (bluestone)	water mineralizer	7758-99-8	<0.1%
essential oils*	fragrance	mixture	<0.1%

\*Lemongrass Citrus Scent: cymbopogon nardus (citronella) oil, cymbopogon schoenanthus (lemongrass) oil. Contains fragrance allergen citral (5392-40-5).

<sup>1</sup> Where ranges are shown, the exact concentration has been withheld as a trade secret.

## Section 4: First Aid Measures

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<b>Eye Contact</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. Call a doctor or poison control center for treatment advice.
<b>Skin Contact</b>	Rinse thoroughly with water. Call a physician if irritation or rash develops or persists.
<b>Ingestion</b>	Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to by a doctor or poison control center. Do not give anything to an unconscious person.
<b>Inhalation</b>	If irritation occurs, remove to fresh air. If breathing is affected, call a physician.
<b>Notes to Physician</b>	Treat symptomatically.
<b>Most important symptoms and effects</b>	Acute exposure may result in eye irritation. Symptoms of acute exposure may include the following: redness and pain.

## Section 5: Fire Fighting Measures

<b>Suitable Extinguishing Media</b>	As appropriate for surrounding fire. Use water, dry chemical, carbon dioxide or foam.
<b>Unsuitable Extinguishing Media</b>	Not available.
<b>Specific Hazards arising from the chemical mixture</b>	Not available.
<b>Hazardous Combustion Products</b>	Not available.
<b>Protective Equipment and Precautions for Firefighters</b>	Fire fighters should wear full protective clothing and self contained breathing apparatus as for surrounding fire.

## Section 6: Accidental Release Measures

<b>Personal Precautions</b>	
<b>Industrial Setting</b>	Wear appropriate personal protective equipment (refer to Section 8).
<b>Environmental Precautions</b>	Avoid entry into lakes, streams, ponds or public waterways.
<b>Methods for Containment and Cleaning Up</b>	
<b>Industrial Setting</b>	Before attempting clean up, refer to hazard data given. Small spills may be absorbed with non-reactive absorbent and placed in suitable, covered, labeled containers. Prevent extremely large spills from entering sewers or waterways. Dispose in accordance with all applicable local, state, and federal regulations.
<b>Household Setting</b>	Small spills and leaks may be cleaned up and disposed of in normal household trash.

## Section 7: Handling and Storage

<b>Safe Handling</b>	
<b>Industrial Setting</b>	Wear appropriate personal protective equipment (refer to section 8).
<b>Household Setting</b>	Use as directed on product label.
<b>Safe Storage</b>	KEEP OUT OF REACH OF CHILDREN AND PETS. Nonrefillable container. Store airtight at room temperature in original container and keep container closed when not in use. Avoid freezing.
<b>Storage Incompatibilities</b>	None known.

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## Section 8: Exposure Controls, Personal Protection

<b>Exposure Limits</b>	Occupational exposure limits
<b>Component Information:</b>	
<b>Engineering Controls</b>	General ventilation.
<b>Personal Protective Equipment (PPE)</b>	
<b>Industrial Setting</b>	
<b>Respiratory Protection</b>	None required under normal conditions. General ventilation required.
<b>Eye Protection</b>	Goggles or other protective eye wear may be worn for protection.
<b>Skin Protection</b>	Gloves may be worn for protection.
<b>Hygiene Measures</b>	Handle in accordance with good industrial hygiene and safety practice.
<b>Household Setting</b>	No special precautions necessary as long as product is used as directed.

## Section 9: Physical and Chemical Properties

<b>Physical State</b>	Liquid.
<b>Color</b>	Colorless (water-white)
<b>Clarity</b>	Clear
<b>Odor</b>	Fragranced. Characteristic of the ingredients
<b>Odor Threshold</b>	Not available.

<b>pH</b>	4.0 - 5.0
<b>Melting Point</b>	As per water.
<b>Freezing Point</b>	As per water.
<b>Initial Boiling Point and Boiling Range</b>	As per water.
<b>Flash Point</b>	Not available. Aqueous Solution.
<b>Evaporation Rate</b>	As per water.
<b>Upper Explosive Limit (UEL)</b>	Not applicable.
<b>Lower Explosive Limit (LEL)</b>	Not applicable.
<b>Vapor Pressure (mmHg)</b>	Not available.
<b>Specific Gravity (H2O = 1)</b>	1.00 - 1.02
<b>Relative Density</b>	Not available.
<b>Vapor Density (Air = 1)</b>	Not available.
<b>Solubility in Water</b>	Soluble
<b>Partition Coefficient: n-octanol/water</b>	Not available.
<b>Auto-Ignition Temperature</b>	Not combustible.
<b>Decomposition Temperature</b>	Not available.
<b>Viscosity</b>	Not available.
<b>VOC (weight %)</b>	Not available.
<b>Flammability</b>	Not flammable.

## Section 10: Stability and Reactivity

<b>Reactivity</b>	Not available.
<b>Chemical Stability</b>	Stable under normal conditions of use and storage.
<b>Possibility of Hazardous Reactions</b>	None known.
<b>Conditions to Avoid</b>	None known.
<b>Incompatible Materials</b>	
<b>Industrial Setting</b>	None known.
<b>Household Setting</b>	In general, cleaning products should not be mixed with other household chemicals, unless specifically provided for in the use directions.
<b>Hazardous Decomposition Products</b>	None known.

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## Section 11: Toxicological Information

<b>Potential Route(s) of Exposure</b>	Eyes. Skin. Ingestion. Inhalation.	
<b>Effects of Acute Exposure</b>		
<b>Oral Toxicity</b>	LD50 >5000 mg/kg, calculated based on ingredients.	
<b>Dermal Toxicity</b>	Not determined.	
<b>Inhalation Toxicity</b>	Not determined.	
<b>Component Information<sup>1</sup>:</b>		
thymol	89-83-8	LD50 acute oral (rat) 980 mg/kg
aqua (water)	7732-18-5	Not applicable
sodium lauryl sulfate	68585-47-7	LD50 acute oral (rat) 1288 mg/kg
sodium citrate	68-04-2 / 6132-04-3	LD50 acute oral (rat) 5400 mg/kg
citric acid	77-92-9	LD50 acute oral (rat) 5400 mg/kg
copper sulfate pentahydrate (bluestone)	7758-99-8	LD50 acute oral (rat) 960 mg/kg
essential oils*	mixture	LD50 acute oral (rat), calculated >5000 mg/kg
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<b>Eye Contact</b>	Minimal eye irritant category IV, based on ingredients.	
<b>Skin Contact</b>	None to slight dermal irritant category IV, based on ingredients.	
<b>Skin Sensitization</b>	Not classified for skin sensitization, based on ingredients.	
<b>Respiratory Sensitization</b>	Not classified for respiratory sensitization, based on ingredients.	
<b>Carcinogenicity</b>	Not classified - based on ingredients	
<b>NTP</b>	No Ingredients Listed	
<b>IARC</b>	No Ingredients Listed	
<b>OSHA</b>	No Ingredients Listed	
<b>Reproductive Effects</b>	Not classified - based on ingredients	
<b>Mutagenicity</b>	Not classified - based on ingredients	
<b>Specific Target Organ Toxicity - Single Exposure</b>	Not classified - based on ingredients	
<b>Specific Target Organ Toxicity - Repeat Exposure</b>	Not classified - based on ingredients	
<b>Aspiration Toxicity</b>	Not classified - based on ingredients	

<sup>1</sup>LD50 acute oral toxicity (rat) – This is a value provided by the raw material supplier or scientific literature. It is not a value generated by Seventh Generation by testing using rats. Seventh Generation uses alternative, non-animal based methods and scientific literature to determine the safety classification of our products and their ingredients.

## Section 12: Ecological Information



<b>Ecotoxicity</b>	Not available.
<b>Persistence and Degradability</b>	Ingredients meet biodegradation requirements.
<b>Bioaccumulative Potential</b>	No known significant effects or critical hazards.
<b>Mobility in Soil</b>	Not available.
<b>Environmental Fate</b>	No adverse effects expected.

## Section 13: Disposal Considerations

<b>Product Waste</b>	Any disposal must be in compliance with applicable local, state, provincial and federal laws and regulations.
<b>Industrial Setting</b>	When disposed as waste in its original form, this product is not considered hazardous waste under Federal regulations, however regulations may vary by state or province and may designate it as hazardous waste. Check with your local waste and waste water authorities. We are aware of the following state waste classifications:
<b>California Hazardous Waste Code</b>	232

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Connecticut Hazardous Waste Code	CT04
Michigan Liquid Waste Code	029L
Vermont Hazardous Waste Code	VT06
Washington Hazardous Waste Code	WT02
Household Setting	Product residues in the container may be discarded in trash. Compatible with septic systems.
Empty Packaging	Offer empty container for recycling. If recycling is not available, discard in trash.  

## Section 14: Transport Information

U.S. DOT	Not regulated.
U.S. States	See U.S. DOT for finished product classification for transport.
Waste	Regulated in some states if the product is disposed of in its original form as waste by commercial users/handlers. Refer to Section 13. for applicable state waste codes.
Canadian TDG (Surface Transport)	Not regulated.
IMDG (Marine Transport)	Not regulated.
IATA (Air Transport)	Not regulated.

## Section 15: Regulatory Information

U.S.	
Toxic Substances Control Act (TSCA)	This product is exempt from the inventory requirements of the U.S. Toxic Substances Control Act (TSCA). This product is regulated under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA).
EPA Registration Number	84683-3-86066.
	When labeled with this registration number this product is for sale in the U.S. 50 states and D.C. only. Not registered for export to or sale in other countries.
California DPR Registration Number	84683-3-ZE-86066
California Prop 65	This product is not subject to the labeling requirements of California's Proposition 65.
California Air Resources Board (CARB)	Meets applicable California Air Resource Board requirements for consumer products.
Canada	
Health Canada Registration Number	Not registered for sale or use in Canada.
Right to Know	Regardless of hazard classification, all intentionally added ingredients and, if applicable incidental ingredients $\geq 1\%$ are disclosed on the product label. Please refer to Section 3. of this SDS for ingredient listing.
Component Information:	
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Other	Fragrances used in this product comply with applicable International Fragrance Association (IFRA) guidance.

## Section 16: Other Information

Hazardous Materials Identification System (HMIS) Rating  Legend: 4-Severe, 3-Serious, 2-Moderate, 1-Slight, 0-Minimal	<b>HEALTH</b>	<b>0</b>
	<b>FLAMMABILITY</b>	<b>0</b>
	<b>PHYSICAL HAZARDS</b>	<b>0</b>

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	<b>PERSONAL PROTECTION</b>	<b>A</b>
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<b>National Fire Protection Association (NFPA) Rating</b>	Not determined.
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<p><b>Professional Product Label Information</b></p> <p>KEEP OUT OF REACH OF CHILDREN          DIRECTIONS FOR USE          It is a violation of Federal law to use this product in a manner inconsistent with its labeling. For heavily soiled or greasy areas, pre-cleaning is required.          TO DISINFECT &amp; DEODORIZE: 1. Wet the surface with the spray (spot test to check surface compatibility). 2. Leave for 10 minutes. Allow to air-dry. No rinsing or wiping is required (even on food contact surfaces).          TO REFILL: 1. Remove the sprayer. 2. Fill bottle from refill container. 3. Replace the sprayer. Refill only with this product.          STORAGE &amp; DISPOSAL          Store airtight at room temperature. Do not reuse or refill this container except as allowed in the directions for use above. Offer empty container for recycling. If recycling is not available, discard in trash.</p>
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<b>Prepared by</b>	Seventh Generation Inc.
<b>Issuing Date</b>	2 November 2020
<b>Revision Date</b>	2 November 2020
<b>Revision Note</b>	Revised Sections 3 and 15.

**Please note:** This product is manufactured and marketed for professional use or consumer use and should be used as directed on the product label for the intended purpose. Seventh Generation warrants that this product conforms to our standard specification when released to the market and when used according to directions. To the best of our knowledge, the information contained herein is accurate. However, we do not assume any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of the suitability of any product is the sole responsibility of the user. All products may present unknown hazards and should be used with requisite caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

Other abbreviations used in this document:

- DOT – (U.S.) Department of Transportation
- EPA – (U.S.) Environmental Protection Agency
- IARC – International Agency for Research on Cancer
- NTP – (U.S. Department of Health and Human Services) National Toxicology Program
- OSHA – (U.S.) Occupational Safety and Health Administration
- TDG – (Canadian) Transport of Dangerous Goods
- WHMIS – (Canadian) Workplace Hazardous Materials Information System

**End of Safety Data Sheet**