

SAFETY DATA SHEET



Issue date 11 February 2019

FM000054-00.4

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	Disinfecting Multi-Surface 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. and Canada only. Not for export.

Manufacturer Name Address	Seventh Generation, Inc. 60 Lake Street, Burlington, VT 05401, USA
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Emergency Telephone Number Monday -Friday 8 am - 5 pm ET (except holidays) Outside these hours	U.S., Canada 1-800-211-4279 1-800-255-3924 (ChemTel)
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Section 2: Hazards Identification

Classification	
U.S.	This product is not considered hazardous under the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).
Canada	This product is not considered hazardous under the WHMIS 2015.

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 ¹
Active ingredient		.	
thymol	antimicrobial active	89-83-8	0.05%
Other ingredients:		.	99.95%
aqua (water)	diluent	7732-18-5	
sodium lauryl sulfate	cleaning agent	68585-47-7	<1%
sodium citrate	water softener	6132-04-3	
citric acid	water softener	77-92-9	
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. Citral is a component of these fragrance ingredients.

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

Section 4: First Aid Measures

Eye Contact	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.
Skin Contact	Rinse thoroughly with water. Call a physician if irritation or rash develops or persists.
Ingestion	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.
Inhalation	If irritation occurs, remove to fresh air. If breathing is affected, call a physician.
Notes to Physician	Treat symptomatically.
Most important symptoms and effects	Acute exposure may result in eye irritation. Symptoms of acute exposure may include the following: redness and pain.

Section 5: Fire Fighting Measures

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

Section 6: Accidental Release Measures

Personal Precautions	
Industrial Setting	Wear appropriate personal protective equipment (refer to Section 8).
Environmental Precautions	Avoid entry into lakes, streams, ponds or public waterways.
Methods for Containment and Cleaning Up	
Industrial Setting	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.
Household Setting	Small spills and leaks may be cleaned up and disposed of in normal household trash.

Section 7: Handling and Storage

Safe Handling	
Industrial Setting	Wear appropriate personal protective equipment (refer to section 8).
Household Setting	Use as directed on product label.
Safe Storage	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.
Storage Incompatibilities	None known.

Section 8: Exposure Controls, Personal Protection

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

Section 9: Physical and Chemical Properties

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

pH	4.0 - 5.0
Melting Point	As per water.
Freezing Point	As per water.
Initial Boiling Point and Boiling Range	As per water.
Flash Point	Not available. Aqueous Solution.
Evaporation Rate	As per water.
Upper Explosive Limit (UEL)	Not applicable.
Lower Explosive Limit (LEL)	Not applicable.
Vapor Pressure (mmHg)	Not available.
Specific Gravity (H ₂ O = 1)	1.00 - 1.02
Relative Density	Not available.
Vapor Density (Air = 1)	Not available.
Solubility in Water	Soluble
Partition Coefficient: n-octanol/water	Not available.
Auto-Ignition Temperature	Not combustible.
Decomposition Temperature	Not available.
Viscosity	Not available.
VOC (weight %)	Not available.
Flammability	Not flammable.

Section 10: Stability and Reactivity

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

Section 11: Toxicological Information

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Potential Route(s) of Exposure	Eyes. Skin. Ingestion. Inhalation.	
Effects of Acute Exposure		
Oral Toxicity	LD50 >5000 mg/kg, calculated based on ingredients.	
Dermal Toxicity	Not determined.	
Inhalation Toxicity	Not determined.	
Component Information¹:		
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	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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Eye Contact	Minimal eye irritant category IV, based on ingredients.	
Skin Contact	None to slight dermal irritant category IV, based on ingredients.	
Skin Sensitization	Not classified for skin sensitization, based on ingredients.	
Respiratory Sensitization	Not classified for respiratory sensitization, based on ingredients.	
Carcinogenicity	Not classified - based on ingredients	
NTP	No Ingredients Listed	
IARC	No Ingredients Listed	
OSHA	No Ingredients Listed	
Reproductive Effects	Not classified - based on ingredients	
Mutagenicity	Not classified - based on ingredients	
Specific Target Organ Toxicity - Single Exposure	Not classified - based on ingredients	
Specific Target Organ Toxicity - Repeat Exposure	Not classified - based on ingredients	
Aspiration Toxicity	Not classified - based on ingredients	

¹LD50 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


Ecotoxicity	Not available.
Persistence and Degradability	Meets requirements for ready biodegradation based on OECD 301B.
Bioaccumulative Potential	No known significant effects or critical hazards.
Mobility in Soil	Not available.
Environmental Fate	No adverse effects expected.

Section 13: Disposal Considerations

Product Waste	Any disposal must be in compliance with applicable local, state, provincial and federal laws and regulations.
Industrial Setting	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:
California Hazardous Waste Code	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 complies with the inventory requirements of the U.S. Toxic Substances Control Act (TSCA).
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-ZA-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	
Domestic Substances List (DSL)	This product complies with the inventory requirements under Canada's Domestic Substances List (DSL).
Health Canada Registration Number	DIN 02415070
	When labeled with this registration number this product is for sale in Canada only. Not registered for export to or sale in other countries.
Right to Know	Regardless of hazard classification, Seventh Generation discloses all intentionally added ingredients and, if applicable incidental ingredients $\geq 1\%$ 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.

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Section 16: Other Information

Hazardous Materials Identification System (HMIS) Rating Legend: 4-Severe, 3-Serious, 2-Moderate, 1-Slight, 0-Minimal	HEALTH	0
	FLAMMABILITY	0
	PHYSICAL HAZARDS	0
	PERSONAL PROTECTION	A

National Fire Protection Association (NFPA) Rating	Not determined.
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Consumer Product Label Information

USA:
 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 CLEAN: Wet the surface with the spray & wipe clean. For stubborn stains, let stand for a few minutes. Allow to penetrate, then wipe clean.
 TO DISINFECT & 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).
 STORAGE & DISPOSAL
 Store airtight at room temperature. Nonrefillable container. Do not reuse or refill this container. Offer empty container for recycling. If recycling is not available, discard in trash.

CANADA:
 KEEP OUT OF REACH OF CHILDREN
 INSTRUCTIONS
 TO CLEAN & DEODORIZE: Wet the surface with the spray & wipe clean.
 TO DISINFECT: 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. For heavily soiled or greasy areas, pre-cleaning is required.
 STORAGE AND DISPOSAL
 Store airtight at room temperature. Please recycle empty container.
 FIRST AID
 May sting if accidentally sprayed in eyes. Soothe by rinsing with clean water.

Prepared by	Seventh Generation Inc.
Issuing Date	11 February 2019
Revision Date	11 February 2019
Revision Note	Revised Sections 3, 11 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

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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