

SAFETY DATA SHEET



Issue date 28 May 2015

FM000054-00.2, SU000002-01.1

This Safety Data Sheet (SDS) is intended to provide product information for workplaces, emergency personnel and other situations where there is potential for longer exposure or exposure to larger quantities of product. For consumer use, applicable precautionary information is provided on the product label. This SDS is designed to cover both U.S. and Canadian requirements. Differences between U.S. and Canadian requirements are noted where applicable.

Section 1: Identification of Product and Company

Product Name	Disinfecting Wipes
Synonyms	Botanical Disinfecting Wipes
Product Use	Hard Surface Disinfecting and Cleaning
Restrictions on Use	Follow directions on the product label

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

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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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.

Emergency Overview	No symptoms or effects under normal use. May cause slight irritation of eyes, skin or respiratory tract.
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Precautionary Statements	
Eyes	Minimal eye irritant category IV
Skin	Slight dermal irritant category IV. Non-sensitizer.
Ingestion	May cause obstruction and transient gastrointestinal irritation.
Inhalation	May cause slight irritation.
Hazards not otherwise identified	None known
Percent ingredients with unknown acute toxicity	0% of the product consists of ingredients of unknown acute oral toxicity. Refer to Section 3.

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	LD50 ²
Active ingredient		.		.
thymol (a component of thyme oil)	antimicrobial active	8007-46-3	0.05%	980 mg/kg
Other ingredients:		.	99.95%	.
aqua (water)	diluent	7732-18-5		Not applicable

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sodium lauryl sulfate	cleaning agent	151-21-3	≤1%	1288 mg/kg
copper sulfate pentahydrate (bluestone)	water mineralizer	7758-99-8		300 mg/kg
citric acid	water softener	77-92-9		3000 mg/kg
sodium citrate	water softener	6132-04-3		6730 mg/kg
origanum vulgare (oregano) oil	fragrance	8007-11-2		1850 mg/kg
essential oils*	fragrance	mixture		>5000 mg/kg
.		.	.	.
Substrate:		.	.	.
rayon-polyester blend		.	100.00%	Not applicable

*Lemongrass Citrus Scent: cymbopogon nardus (citronella) oil, cymbopogon schoenanthus (lemongrass) oil. Citral is a component of these essential oils.

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

² 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 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 if skin contact occurs. Call a physician if irritation 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	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.

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	
Household Setting	Small spills and leaks may be cleaned up and disposed of in normal household trash.
Industrial Setting	Before attempting clean up, refer to hazard data given. Pick up large pieces and place in a suitable container. Do not flush to sewer or allow to enter waterways. Dispose in accordance with all applicable local, state, and federal regulations.

Section 7: Handling and Storage

Safe Handling

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Household Setting	Use as directed on product label.
Industrial Setting	Wear appropriate personal protective equipment (refer to section 8).
Safe Storage	KEEP OUT OF REACH OF CHILDREN AND PETS. Nonrefillable container. Store airtight at room temperature in original container and tightly close lid between uses to retain moisture.
Storage Incompatibilities	None known.

Section 8: Exposure Controls, Personal Protection

Exposure Limits	None known.
Engineering Controls	Not applicable.
Personal Protective Equipment (PPE)	
Household Setting	No special precautions necessary as long as product is used as directed.
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.

Section 9: Physical and Chemical Properties

Physical State	Liquid (wipe saturated with liquid)
Color	White substrate
Clarity	Clear liquid when expressed from wipe.
Odor	Scented. Characteristic of the ingredients
Odor Threshold	Not available.

pH	4.0 - 5.0
Melting Point	As per water.
Freezing Point	Not available.
Initial Boiling Point and Boiling Range	As per water.
Flash Point	Not available.
Evaporation Rate	Not applicable.
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	Not applicable.
Partition Coefficient: n-octanol/water	Not available.
Viscosity	Not available.
VOC (weight %)	Not available.
Flammability	Not flammable.
Auto-Ignition Temperature	Not combustible.
Decomposition Temperature	Not available.

Section 10: Stability and Reactivity

Reactivity	None known.
Chemical Stability	Stable.
Possibility of Hazardous Reactions	None known.
Conditions to Avoid	None known.
Incompatible Materials	

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Household Setting	In general, cleaning products should not be mixed with other household chemicals, unless specifically provided for in the use directions.
Industrial Setting	None known.
Hazardous Decomposition Products	None known.

Section 11: Toxicological Information

Potential Route(s) of Exposure	Eyes. Skin. Ingestion.
Effects of Acute Exposure	
Oral Toxicity	LD50 >5000 mg/kg, calculated based on ingredients.
Dermal Toxicity	LD50 >5000 mg/kg, calculated based on ingredients.
Inhalation Toxicity	>20 mg/L/4h, based on ingredients.
Eye Contact	Minimal eye irritant category IV, based on ingredients and in-vitro data.
Skin Contact	Non to slight dermal irritant category IV, based on ingredients and in-vitro data.
Component Information	Refer to section 3 for ingredient LD50 (acute oral).
Effects of Chronic Exposure	Not expected to have chronic health effects.
Sensitization	Does not indicate a potential for allergic contact sensitization, based on Human Repeat Insult Patch Test (HRIPT).
Carcinogenicity	Not expected to have chronic health effects.
NTP	No Ingredients Listed
IARC	No Ingredients Listed
OSHA	No Ingredients Listed
Reproductive Effects	Not expected to have chronic health effects.
Teratogenicity	Not expected to have chronic health effects.
Mutagenicity	Not expected to have chronic health effects.
Target Organ Effects	Not expected to have chronic health effects.

Section 12: Ecological Information

Ecotoxicity	Not available.
Persistence and Degradability	Not available.
Bioaccumulative Potential	Not applicable.
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.
Household Setting	Product residues in the container may be discarded in trash.
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
Connecticut Hazardous Waste Code	CT04
Michigan Liquid Waste Code	029L
Vermont Hazardous Waste Code	VT06
Washington Hazardous Waste Code	WT02

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Empty Packaging	Offer empty container for recycling. If recycling is not available, discard in trash.
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Section 14: Transport Information

U.S. DOT (Surface Transport)	Not regulated.
U.S. States (Surface Transport)	Not regulated as finished product. 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.
IATA (Air Transport)	Not regulated.
IMDG (Marine 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	84683-4-86066
California DPR Registration Number	84683-4-AA-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) or Non-Domestic Substances List (NDSL) or is otherwise in compliance with the New Substances Notification (NSN) regulations or exemptions.
Health Canada Registration Number	DIN 02415658
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.
Other	Fragrances used in this product comply with applicable International Fragrance Association (IFRA) guidance.

Section 16: Other Information

Prepared by	Seventh Generation Inc.
Issuing Date	28 May 2015
Revision Date	28 May 2015
Revision Note	Revised format as per OSHA 2012 and WHMIS 2015.

Please note: This product is manufactured and marketed for 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:

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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