

SAFETY DATA SHEET



Issue date 2 September 2021

FM000118-00-1

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 Cleaner with Hydrogen Peroxide - Fragrance Free
Synonyms	None
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

Classification	
U.S.	This product is considered hazardous under the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).
Hazard Category	
Eye Damage/Irritation	Category 2B
Signal Word	
WARNING	
Hazard Statement(s)	
H320 Causes eye irritation	
Hazard Pictogram(s)	
None	
Precautionary Statement(s) - General - Consumer Products	
If medical advice is needed, have product container or label at hand. Keep out of reach of children. Read label before use.	
Precautionary Statement(s) - Prevention	
Wash hands thoroughly after handling.	

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Precautionary Statement(s) - Response
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Precautionary Statement(s) - Storage
None

Precautionary Statement(s) - Disposal
None

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 11.

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		.	
hydrogen peroxide	antimicrobial active	7722-84-1	2.40%
Other ingredients:		.	97.60%
aqua (water)	diluent	7732-18-5	30% - 100%
surfactant blend	cleaning agent	NAV	1% - 3%
citric acid	chelating agent	77-92-9	<1%
alkylbenzene sulfonic acid	cleaning agent	68584-22-5	<1%

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	Drink one glass of water or milk immediately. If prolonged nausea or pain occurs call a doctor.
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 alcohol resistant foam, carbon dioxide, powder, water spray.
Unsuitable Extinguishing Media	Do not use: water jet.
Specific Hazards arising from the chemical mixture	Not available.
Hazardous Combustion Products	Not available.

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Protective Equipment and Precautions for Firefighters	Fire fighters should wear full protective clothing and self contained breathing apparatus as for surrounding fire.
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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. Material may be slippery if spilled and wet. Prevent spill from entering a waterway. Stop spill at source and contain material. Dispose liquid 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 or diluted and disposed of via sewer.

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.
Storage Incompatibilities	Acids, strong alkali, chemical reducing agents.

Section 8: Exposure Controls, Personal Protection

Exposure Limits	Occupational exposure limits	
Component Information:		
hydrogen peroxide	7722-84-1	ACGIH - TWA 1 ppm NIOSH - TWA 1 ppm (1.4 mg/m3) USA OSHA - PEL - 1 ppm TWA; 1.4 mg/m3 TWA HI - PEL - 2 ppm STEL; 3 mg/m3 STEL WA - PEL - 3 ppm STEL
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 to slightly hazy

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Odor	Unfragranced. Characteristic of the ingredients
Odor Threshold	Not available.
pH	1.4 - 2.4
Melting Point	Not available.
Freezing Point	Not available.
Initial Boiling Point and Boiling Range	Not available.
Flash Point	Not available. Aqueous Solution.
Evaporation Rate	Not available.
Upper Explosive Limit (UEL)	Not applicable.
Lower Explosive Limit (LEL)	Not applicable.
Vapor Pressure (mmHg)	Not available.
Specific Gravity (H ₂ O = 1)	NAV
Relative Density	1.015 - 1.025
Vapor Density (Air = 1)	Not available.
Solubility in Water	Miscible
Partition Coefficient: n-octanol/water	Not available.
Auto-Ignition Temperature	Not available.
Decomposition Temperature	Not available.
Viscosity	Not available.
VOC (weight %)	Not available.

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	Acids, strong bases, chemical reducing agents.
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

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 classified. No known effects based on ingredients.
Inhalation Toxicity	Not classified. No known effects based on ingredients.
Component Information ¹ :	
hydrogen peroxide	7722-84-1 LD50 acute oral (rat) 1518 mg/kg
aqua (water)	7732-18-5 Not applicable
surfactant blend	NAV LD50 acute oral (rat) >2000 mg/kg
citric acid	77-92-9 LD50 acute oral (rat) 5400 mg/kg
alkylbenzene sulfonic acid	68584-22-5 LD50 acute oral (rat) 775 mg/kg
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Eye Contact	Eye irritant, based on ingredients. EPA category III.
Skin Contact	Dermal non-irritant. Not classified for skin irritation, based on ingredients. EPA category IV.
Skin Sensitization	Not classified for skin sensitization, based on ingredients.
Respiratory Sensitization	Not classified for respiratory sensitization, based on ingredients.

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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 biodegradation based on ingredients.
Bioaccumulative Potential	Not available.
Mobility in Soil	Not available.
Environmental Fate	No known significant effects or critical hazards.

Section 13: Disposal Considerations

Product Waste	Any disposal must be in compliance with applicable local, state, provincial and federal laws and regulations.
Industrial Setting	This material must be disposed of as hazardous waste. Dispose of this material to a hazardous or special waste collection point. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways, or ditches with chemical or used container. Hazardous waste code D002: Waste Corrosivity
California Hazardous Waste Code	791
Household Setting	Dispose at a household hazardous waste collection center or event.
Empty Packaging	Ensure all product is removed from the container. Offer empty containers 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.
IMDG (Marine Transport)	Not regulated.
IATA (Air Transport)	Not regulated.

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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	85837-4-86066	
	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	85837-4-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.	
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:		
hydrogen peroxide	7722-84-1	Massachusetts New Jersey Pennsylvania
.	.	.

Section 16: Other Information

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

Consumer Product Label Information

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 AND DEODORIZE: Spray on surface until thoroughly wet, then wipe clean. No rinsing required.
TO DISINFECT: Spray until thoroughly wet. Let stand for 10 minutes, then wipe clean.
TO CONTROL MOLD & MILDEW: Pre-clean hard, nonporous surfaces. Apply product to pre-cleaned surface. Let surface remain wet for 3 minutes and then allow to air dry. Repeat application at weekly intervals or when mold and mildew growth appears.
NOT RECOMMENDED FOR use on marble, unfinished wood, brass and porous surfaces.
 For all surfaces, test a small, inconspicuous area first.

STORAGE & DISPOSAL
 Store in a cool, dry place that is inaccessible to small children. Keep securely closed. Non-refillable container. Do not reuse or refill this container. Discard in trash or offer container for recycling.

KEEP OUT OF REACH OF CHILDREN
PRECAUTIONARY STATEMENTS: Hazards to Humans and Domestic Animals.
CAUTION: Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling. **FIRST AID:** Have the product container or label with you when calling a poison control center or doctor, or going for treatment. **IF IN EYES:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, and then continue rinsing. Call a poison control center or doctor for treatment advice.

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Revision Date	2 September 2021
Revision Note	Revised Sections 13, 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