

# SAFETY DATA SHEET



Issue date 4 March 2024

FM000118-00.1

This Safety Data Sheet (SDS) has been prepared in accordance with the U.S. OSHA Hazard Communication Standard (29 CFR 1910.1200) to provide safe handling information for the industrial setting such as in manufacturing facilities, transport, warehouses, stores and professional settings where product is used for institutional and commercial purposes. This SDS is designed to cover both U.S. and Canada, differences between U.S. and Canadian requirements are noted where applicable.

Consumer Products as defined by the U.S. Consumer Product Safety Act and Federal Hazardous Substances Act and which are used for the intended purpose in the household setting or in a workplace setting with typical consumer duration and frequency are exempted from the U.S. OSHA Hazard Communication Standard (29 CFR 1910.1200).

## 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 not 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	
If medical advice is needed, have product container or label at hand. Keep out of reach of children. Read label before use.	

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<b>Precautionary Statement(s) - Prevention</b>
Wash hands thoroughly after handling.

<b>Precautionary Statement(s) - Response</b>
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.

<b>Precautionary Statement(s) - Storage</b>
None

<b>Precautionary Statement(s) - Disposal</b>
None

<b>Hazards not otherwise identified</b>
None known

<b>Percent ingredients with unknown acute toxicity</b>
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.

Ingredient	Function	CAS Number <sup>1</sup>	Concentration <sup>1</sup>
Active ingredient	.	.	.
hydrogen peroxide	antimicrobial active	7722-84-1	2.4%
Other ingredients:	.	.	97.6%
aqua (water)	diluent	7732-18-5	80% - 100%
surfactant blend	cleaning agent	NAV	1% - 3%
citric acid	water softener	77-92-9	<1%
alkylbenzene sulfonic acid	cleaning agent	68584-22-5	<1%

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

## Section 4: First Aid Measures

<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.

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Most important symptoms and effects	Acute exposure may result in eye irritation. Symptoms of acute exposure may include the following: redness and pain.
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## 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.
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.

## Section 7: Handling and Storage

Safe Handling	
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 keep container closed when not in use. Avoid freezing.
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)		

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<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.

## Section 9: Physical and Chemical Properties

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

<b>pH</b>	1.4 - 2.4
<b>Melting Point</b>	Not available.
<b>Freezing Point</b>	Not available.
<b>Initial Boiling Point and Boiling Range</b>	Not available.
<b>Flash Point</b>	Not available. Aqueous Solution.
<b>Evaporation Rate</b>	Not available.
<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>	NAV
<b>Relative Density</b>	Not available.
<b>Vapor Density (Air = 1)</b>	Not available.
<b>Solubility in Water</b>	Miscible
<b>Partition Coefficient: n-octanol/water</b>	Not available.
<b>Auto-Ignition Temperature</b>	Not available.
<b>Decomposition Temperature</b>	Not available.
<b>Viscosity</b>	Not available.
<b>VOC (weight %)</b>	Not available.

## 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>	Acids, strong bases, chemical reducing agents.
<b>Hazardous Decomposition Products</b>	None known.

## 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 classified. No known effects based on ingredients.
<b>Inhalation Toxicity</b>	Not classified. No known effects based on ingredients.
<b>Component Information<sup>1</sup>:</b>	

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Active ingredient	.	.
hydrogen peroxide	7722-84-1	LD50 acute oral (rat) 1518 mg/kg
Other ingredients:	.	.
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
.	.	.
<b>Eye Contact</b>	Eye irritant, based on ingredients. EPA category III.	
<b>Skin Contact</b>	Dermal non-irritant. Not classified for skin irritation, based on ingredients. EPA category IV.	
<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	

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

<b>Ecotoxicity</b>	Not available.
<b>Persistence and Degradability</b>	Meets requirements for biodegradation based on ingredients.
<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>	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
<b>California Hazardous Waste Code</b>	791
<b>Empty Packaging</b>	Offer empty container for recycling. If recycling is not available, discard in trash.

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## Section 14: Transport Information

U.S. DOT	Not regulated.
U.S. States	See U.S. DOT for finished product classification for transport.
Waste	Refer to Section 13.
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	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.	
<b>Component Information:</b>		
hydrogen peroxide	7722-84-1	Massachusetts New Jersey Pennsylvania
.	.	.

## Section 16: Other Information

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

National Fire Protection Association (NFPA) Rating	Not determined.
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<b>Consumer Product Information</b>
Refer to the product label for more information.
Visit <a href="http://seventhgeneration.com">seventhgeneration.com</a> for more information.

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Revision Note	General format update
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Please note: This product is manufactured and may be marketed for consumer use or professional use and should be used as directed on the product label for the intended purpose. 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**