

# SAFETY DATA SHEET



Issue date 20 October 2023

FM000079-00.4

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	ULTRA POWER+ Laundry Detergent Packs - Clean Scent
Synonyms	None
Product Use	Laundry
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).
Canada	This product is considered hazardous under the WHMIS 2015.

Hazard Category	
Eye Damage/Irritation	Category 2A
Respiratory Sensitization	Category 1

Signal Word	
DANGER	

Hazard Statement(s)	
H319 Causes serious eye irritation	
H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled	

Hazard Pictogram(s)	
Health Hazard	

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Precautionary Statement(s) - General
<p>If medical advice is needed, have product container or label at hand.                      Keep out of reach of children.                      Read label before use.</p>

Precautionary Statement(s) - Prevention
<p>Wash hands thoroughly after handling.                      Wear eye protection.</p>
<p>Avoid breathing dust/fume/gas/mist/vapors/spray.                      In case of inadequate ventilation, wear respiratory protection.</p>

Precautionary Statement(s) - Response
<p>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.</p>
<p>If inhaled: If breathing is difficult, remove person to fresh air and keep comfortable for breathing.                      If experiencing respiratory symptoms: Call a doctor or poison control center.</p>

Precautionary Statement(s) - Storage
None

Precautionary Statement(s) - Disposal
Dispose of contents and container in accordance with applicable regulations.

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.

Ingredient	Function	CAS Number <sup>1</sup>	Concentration <sup>1</sup>
sodium carbonate	cleaning agent	497-19-8	15% to 40%
sodium citrate	water softener	6132-04-3	15% to 40%
citric acid	cleaning agent	77-92-9	5% to 10%
laureth-6	cleaning agent	68439-50-9	5% to 10%
sodium sulfate	processing aid	7757-82-6	1% to 5%
hydrated silica	flow aid	112926-00-8	0.5% to 1.5%
cocos nucifera (coconut) oil	anti-foaming agent	8001-31-8	0.1% to 1%
protease (subtilisin) (aep)	enzyme soil remover	9014-01-1	0.1% to 1%
amylase (aep)	enzyme soil remover	9000-90-2	<0.1%
mannanase (aep)	enzyme soil remover	37288-54-3	<0.1%
cellulase (aep)	enzyme soil remover	9012-54-8	<0.1%

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essential oils & botanical ingredients*	fragrance	mixture	0.1% to 1%
Film:			
polyvinyl alcohol	water soluble film	WITHHELD	0.5% to 1.5%
glycerin	processing aid	56-81-5	0.1% to 1%

Regardless of hazard classification, Seventh Generation discloses all intentionally added fragrance ingredients. Fragrance ingredients that contribute to the product classification in Section 2 are listed in Section 3 above with CAS number.

\*Clean Scent: citral, citrus aurantium bergamia (bergamot) fruit oil, citrus aurantium dulcis (orange) peel oil, citrus grandis (grapefruit) peel oil, lavandula angustifolia (lavender) oil. Contains fragrance allergen d-limonene (5989-27-5).

<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>	Promptly flush with large amounts of water for at least 15 minutes. Contact a physician if redness or irritation persists.
<b>Skin Contact</b>	Rinse thoroughly with water. Call a physician if irritation or rash develops or persists.
<b>Ingestion</b>	Do not induce vomiting. Rinse out mouth and drink one glass of water immediately. Contact a poison control center or physician.
<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. Material may be slippery if spilled and wet. Prevent spill from entering a waterway. Stop spill at source and contain material. Transfer powder to container for recovery or disposal. Dispose liquid in accordance with all applicable local, state, and federal regulations.

## Section 7: Handling and Storage

<b>Safe Handling</b>	
<b>Industrial Setting</b>	Wear appropriate personal protective equipment when handling powder or dust (refer to section 8).

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<b>Safe Storage</b>	KEEP OUT OF REACH OF CHILDREN AND PETS. Store in original container in a cool, dry place and keep container closed when not in use. Avoid freezing.
<b>Storage Incompatibilities</b>	Store away from acids.

## Section 8: Exposure Controls, Personal Protection

Exposure Limits	Occupational exposure limits	
Component Information:		
hydrated silica	112926-00-8	USA OSHA - PEL - Mineral Dusts - 20 mppcf TWA; (80)/(% SiO <sub>2</sub> ) mg/m <sup>3</sup> TWA CA, - PEL - 6 mg/m <sup>3</sup> CT, HI, MI, MN, NY, TN, VT - TWA - 6 mg/m <sup>3</sup> ID - AAC 0.5 mg/m <sup>3</sup> - EL 0.667 lb/h TX - ESL 2 ug/m <sup>3</sup> LT - ESL 27 ug/m <sup>3</sup> ST WA - STEL 12 mg/m <sup>3</sup> (precipitated and gel) - TWA 6 mg/m <sup>3</sup> BC - OEL - 4 mg/m <sup>3</sup> TWA (total); 1.5 mg/m <sup>3</sup> TWA (respirable) NB OEL - 10 mg/m <sup>3</sup> TWA NT, NU, SK OEL - 20 mg/m <sup>3</sup> STEL OEL - 10 mg/m <sup>3</sup> TWA QC OEL - 6 mg/m <sup>3</sup> TWAEV
protease (subtilisin) (aep)	9014-01-1	ACGIH - TLV - 0.00006 mg/m <sup>3</sup> Ceiling AOEC - Asthmagens - Sensitizer (324.010) NIOSH - 0.00006 mg/m <sup>3</sup> STEL (60 min) CA, CT, HI, MI, MN, NY, TN, WA - OEL/PEL - 0.00006 mg/m <sup>3</sup> STEL (60 min) AB, BC, MB, NB, NL, NT, NS, NU, ON, PE, QC, SK, YT - OEL - 0.00006 mg/m <sup>3</sup> Ceiling
amylase (aep)	9000-90-2	AOEC - Asthmagens - Sensitizer (324.17)
cellulase (aep)	9012-54-8	AOEC - Asthmagens - Sensitizer (324.19)

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glycerin	56-81-5	<p>USA OSHA</p> <ul style="list-style-type: none"> <li>- PEL - 15 mg/m3 TWA (mist, total particulate); 5 mg/m3 TWA (mist, respirable fraction)</li> </ul> <p>CA, HI, MI, MN, NY, OR, TN, VT, WA</p> <ul style="list-style-type: none"> <li>- OEL/PEL - 10 mg/m3 PEL (mist, total dust); 5 mg/m3 TWA (mist, respirable fraction)</li> </ul> <p>WA</p> <ul style="list-style-type: none"> <li>- PEL - 20 mg/m3 STEL (mist, total particulate), 10 mg/m3 STEL (mist, respirable fraction)</li> </ul> <p>AB, NB, NT, NU, ON, QC, SK, YT</p> <ul style="list-style-type: none"> <li>- OEL - 10 mg/m3 (mist) TWA</li> </ul> <p>BC</p> <ul style="list-style-type: none"> <li>- OEL - 10 mg/m3 (mist); 3 mg/m3 TWA (mist, respirable) TWA</li> </ul> <p>NT, NU, SK</p> <ul style="list-style-type: none"> <li>- OEL - 20 mg/m3 (mist) STEL</li> </ul>
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<b>Engineering Controls</b>	General ventilation.
<b>Personal Protective Equipment (PPE)</b>	
<b>Industrial Setting</b>	
<b>Respiratory Protection</b>	General ventilation required. Wear respiratory protection in case of inadequate ventilation, when handling powder, dust or mist.
<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>	Solid (powder in water soluble film).
<b>Color</b>	White
<b>Clarity</b>	Solid
<b>Odor</b>	Fragranced. Characteristic of the ingredients
<b>Odor Threshold</b>	Not available.

<b>pH (aqueous dilution)</b>	9.9 - 10.5 (1%)
<b>Melting Point</b>	Not available.
<b>Flammability</b>	Not flammable.
<b>Upper Explosive Limit (UEL)</b>	Not applicable.
<b>Lower Explosive Limit (LEL)</b>	Not applicable.
<b>Vapor Pressure (mmHg)</b>	Not available.
<b>Vapor Density (Air = 1)</b>	Not available.
<b>Solubility in Water</b>	Soluble
<b>Auto-Ignition Temperature</b>	Not available.
<b>Decomposition Temperature</b>	Not available.
<b>Bulk Density</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>	

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<b>Industrial Setting</b>	Strong oxidizers or reducing agents, strong acids or strong bases.
<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 >2000 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>		
sodium carbonate	497-19-8	LD50 acute oral (rat) 2800 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
laureth-6	68439-50-9	LD50 acute oral (rat) 1870 mg/kg
sodium sulfate	7757-82-6	LD50 acute oral (rat) >10000 mg/kg
hydrated silica	112926-00-8	LD50 acute oral (rat) >5000 mg/kg
cocos nucifera (coconut) oil	8001-31-8	LD50 acute oral (rat) >5000 mg/kg
protease (subtilisin) (aep)	9014-01-1	LD50 acute oral (rat) 1800 mg/kg
amylase (aep)	9000-90-2	LD50 acute oral (rat) >7500 mg/kg
mannanase (aep)	37288-54-3	LD50 acute oral (rat) >5000 mg/kg
cellulase (aep)	9012-54-8	LD50 acute oral (rat) >2000 mg/kg
essential oils & botanical ingredients*	mixture	LD50 acute oral (rat), calculated >4000 mg/kg
Film:	.	.
polyvinyl alcohol	WITHHELD	LD50 acute oral (rat) >2000 mg/kg
glycerin	56-81-5	LD50 acute oral (rat) 27200 mg/kg
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<b>Eye Contact</b>	Moderate Irritant, based on in-vitro data.	
<b>Skin Contact</b>	May cause slight skin irritation. Possible irritation from prolonged contact with the undiluted product.	
<b>Skin Sensitization</b>	Not classified for skin sensitization, based on ingredients.	
<b>Respiratory Sensitization</b>	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>	Non-inorganic components are biodegradable.

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<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>	561
<b>Connecticut Hazardous Waste Code</b>	CT05
<b>Washington Hazardous Waste Code</b>	WT02
<b>Other States</b>	Any disposal must be in compliance with applicable local, state, provincial and federal laws and regulations.
<b>Empty Packaging</b>	Offer empty container for recycling. If recycling is not available, discard in trash.

## Section 14: Transport Information

<b>U.S. DOT</b>	Not regulated.
<b>U.S. States</b>	See U.S. DOT for finished product classification for transport.
<b>Waste</b>	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.
<b>Canadian TDG (Surface Transport)</b>	Not regulated.
<b>IMDG (Marine Transport)</b>	Not regulated.
<b>IATA (Air Transport)</b>	Not regulated.

## Section 15: Regulatory Information

<b>U.S.</b>		
<b>Toxic Substances Control Act (TSCA)</b>	This product complies with the inventory requirements of the U.S. Toxic Substances Control Act (TSCA).	
<b>California Prop 65</b>	This product is not subject to the labeling requirements of California's Proposition 65.	
<b>California Air Resources Board (CARB)</b>	Not applicable.	
<b>Canada</b>		
<b>Domestic Substances List (DSL)</b>	This product complies with the inventory requirements under Canada's Domestic Substances List (DSL).	
<b>Right to Know</b>	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>		
sodium sulfate	7757-82-6	Massachusetts Pennsylvania
hydrated silica	112926-00-8	Massachusetts New Jersey Pennsylvania

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glycerin	56-81-5	Massachusetts New Jersey Pennsylvania
Other	Fragrances used in this product comply with applicable International Fragrance Association (IFRA) guidance.	

## 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>2</b>
	<b>FLAMMABILITY</b>		<b>1</b>
	<b>PHYSICAL HAZARDS</b>		<b>0</b>
	<b>PERSONAL PROTECTION</b>		<b>E</b>

<b>National Fire Protection Association (NFPA) Rating</b>	Not determined.
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<b>Consumer Product Information</b>
Refer to the product label for use directions, safety information, septic compatibility and how to dispose of the empty packaging.  Visit <a href="http://seventhgeneration.com">seventhgeneration.com</a> for additional tips on buying, using and handling household cleaning products.

<b>Prepared by</b>	Seventh Generation, Inc.
<b>Issuing Date</b>	20 October 2023
<b>Revision Date</b>	20 October 2023
<b>Revision Note</b>	Revised Sections 1 and 3.

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