

SAFETY DATA SHEET



Issue date 8 November 2021

FM000117-00.2

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	Power+ Ultra Concentrated Laundry Detergent - 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	

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.	

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

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.
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.

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 $\geq 1\%$ on the consumer product label.

Ingredient	Function	CAS Number	Concentration ¹
aqua (water)	diluent	7732-18-5	30% - 100%
laureth-6	cleaning agent	68439-50-9	10% - 30%
propylene glycol	enzyme stabilizer	57-55-6	10% - 30%
octyl/decyl glucoside	cleaning agent	68515-73-1	3% - 10%
glycerin	anti-foaming agent	56-81-5	3% - 10%
sodium oleate	processing aid	143-19-1	1% - 3%
sodium chloride	viscosity modifier	7647-14-5	<1%
citric acid	pH adjuster	77-92-9	<1%
protease (subtilisin) (aep)	enzyme soil remover	9014-01-1	0.1% - 1%
pectinase (aep)	enzyme soil remover	9015-75-2	<0.1%
amylase (aep)	enzyme soil remover	9000-90-2	<0.1%
mannanase (aep)	enzyme soil remover	37288-54-3	<0.1%
essential oils & botanical ingredients*	fragrance	mixture	<1%

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*Clean Scent: citrus aurantium dulcis (orange) fruit extract, juniperus virginiana (cedar) oil, citrus aurantium dulcis (orange) peel oil, linalool, pogostemon cablin (patchouli) oil, juniperus mexicana (cedar) oil, isoamyl salicylate, lavandula hybrida (lavandin) oil, citrus aurantium bergamia (bergamot) fruit oil, citrus limon (lemon) peel oil, eucalyptus globulus leaf oil, geraniol, pinene beta, heliotropine, eugenia caryophyllus (clove) leaf oil, pogostemon cablin (patchouli) leaf extract, rosmarinus officinalis (rosemary) leaf oil, citrus aurantifolia (lime) oil, cymbopogon martini (palmarosa) oil, styrax tonkinensis resin extract, cistus ladaniferus resin, bulnesia sarmientoi (guaiacwood) oil, amyris balsamifera bark oil, cananga odorata (ylang ylang) flower oil, cinnamal, coriandrum sativum (coriander) fruit oil, foeniculum vulgare (fennel) oil, illicium verum (anise) fruit/seed oil, vanillin, salvia sclarea (clary sage) oil, gamma-decalactone, pelargonium graveolens (geranium) flower oil, citrus aurantium amara (bitter orange) leaf/twig oil, phenethyl alcohol, 3-hexenol, cistus ladaniferus resin absolute, ferula galbanifula (galbanum) resin oil, gamma-nonolactone, myroxylon pereirae (peru balsam) oil, artemisia pallens (davana) flower oil, dimethyl heptenal, boswellia carterii oil, fucus vesiculosus extract. Contains fragrance allergens d-limonene (5989-27-5), linalool (78-70-6) and geraniol (106-24-1).

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

Section 4: First Aid Measures

Eye Contact	Flush eyes with water immediately after contact for at least 15 minutes. Contact a physician if redness or irritation persists.
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 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. 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

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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. Store 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	
Component Information:		
propylene glycol	57-55-6	ON - OEL - 10 mg/m ³ TWA (aerosol), 50 ppm TWA (aerosol and vapor), 155 mg/m ³ TWA (aerosol and vapor)
glycerin	56-81-5	USA OSHA - PEL - 15 mg/m ³ TWA (mist, total particulate); 5 mg/m ³ TWA (mist, respirable fraction) CA, HI, MI, MN, NY, OR, TN, VT, WA - OEL/PEL - 10 mg/m ³ PEL (mist, total dust); 5 mg/m ³ TWA (mist, respirable fraction) WA - PEL - 20 mg/m ³ STEL (mist, total particulate), 10 mg/m ³ STEL (mist, respirable fraction) AB, NB, NT, NU, ON, QC, SK, YT - OEL - 10 mg/m ³ (mist) TWA BC - OEL - 10 mg/m ³ (mist); 3 mg/m ³ TWA (mist, respirable) TWA NT, NU, SK - OEL - 20 mg/m ³ (mist) STEL
protease (subtilisin) (aep)	9014-01-1	ACGIH - TLV - 0.00006 mg/m ³ Ceiling AOEC - Asthmagens - Sensitizer (324.010) NIOSH - 0.00006 mg/m ³ STEL (60 min) CA, CT, HI, MI, MN, NY, TN, WA - OEL/PEL - 0.00006 mg/m ³ STEL (60 min) AB, BC, MB, NB, NL, NT, NS, NU, ON, PE, QC, SK, YT - OEL - 0.00006 mg/m ³ Ceiling
amylase (aep)	9000-90-2	AOEC - Asthmagens - Sensitizer (324.17)
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Engineering Controls General ventilation.

Personal Protective Equipment (PPE)

Industrial Setting	
Respiratory Protection	General ventilation required. Wear respiratory protection in case of inadequate ventilation, when handling powder, dust or mist.
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	Light amber
Clarity	Clear

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Odor	Fragranced. Characteristic of the ingredients
Odor Threshold	Not available.
pH	8.5 - 8.9
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 (H2O = 1)	1.036 - 1.060
Relative Density	Not available.
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	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

Potential Route(s) of Exposure	Eyes. Skin. Ingestion.	
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 :		
aqua (water)	7732-18-5	Not applicable
laureth-6	68439-50-9	LD50 acute oral (rat) 1870 mg/kg
propylene glycol	57-55-6	LD50 acute oral (rat) 20000 mg/kg
octyl/decyl glucoside	68515-73-1	LD50 acute oral (rat) >5000 mg/kg
glycerin	56-81-5	LD50 acute oral (rat) 27200 mg/kg
sodium oleate	143-19-1	LD50 acute oral (rat) >5000 mg/kg
sodium chloride	7647-14-5	LD50 acute oral (rat) 3000 mg/kg
citric acid	77-92-9	LD50 acute oral (rat) 5400 mg/kg
protease (subtilisin) (aep)	9014-01-1	LD50 acute oral (rat) 1800 mg/kg
pectinase (aep)	9015-75-2	LD50 acute oral (rat) >2000 mg/kg
amylase (aep)	9000-90-2	LD50 acute oral (rat) >7500 mg/kg

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mannanase (aep)	37288-54-3	LD50 acute oral (rat) >5000 mg/kg
essential oils & botanical ingredients*	mixture	LD50 acute oral (rat), calculated >3000 mg/kg
Eye Contact	Moderate Irritant, based on in-vitro data.	
Skin Contact	Not classified for skin irritation, based on ingredients.	
Skin Sensitization	Not classified for skin sensitization, based on ingredients.	
Respiratory Sensitization	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	This product is biodegradable, based on ingredients.
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	561
Connecticut Hazardous Waste Code	CT04
Michigan Liquid Waste Code	029L
Washington Hazardous Waste Code	WT02
Other States	Any disposal must be in compliance with applicable local, state, provincial and federal laws and regulations.
Household Setting	Product residues in the bottle may be discarded in trash, or diluted with water and disposed via sewer. When used as directed, the product is septic-safe.
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	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).	
California Prop 65	This product is not subject to the labeling requirements of California's Proposition 65.	
California Air Resources Board (CARB)	Not applicable.	
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).	
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:		
propylene glycol	57-55-6	New Jersey Pennsylvania
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

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

National Fire Protection Association (NFPA) Rating	Not determined.
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Consumer Product Label Information
<p>HOW TO USE SORT: Follow garment care label instructions. MEASURE: Pop the cap. Flip upside down. Squeeze firmly into dispenser or washer until liquid stops. Flip, close the cap and store upright. 1 firm squeeze for medium loads. 2 firm squeezes for heavy loads. (1 squeeze 0.35 fl oz / 10.3 mL).</p> <p>KEEP OUT OF REACH OF CHILDREN. CAUTION: EYE IRRITANT. HARMFUL IF SWALLOWED. Avoid contact with eyes. FIRST AID TREATMENT: For product contents see ingredient list. CONTACT WITH EYES: Flush immediately with water for at least 15 minutes and consult a physician. IF SWALLOWED: Drink plenty of water and call a Poison Control Center or physician immediately.</p>

Prepared by	Seventh Generation Inc.
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Revision Date	8 November 2021
Revision Note	First Issue

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