

SAFETY DATA SHEET



Issue date 26 August 2024

FM000143-00-3

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	Laundry Detergent Sheets - Free & Clear
Synonyms	None
Product Use	Laundry
Restrictions on Use	Follow directions on the product label

Manufacturer Name Address	Seventh Generation, Inc. 60 Lake Street, Burlington, VT 05401, USA
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Emergency Telephone Number Monday - Friday 8 am - 5 pm ET (except holidays)	U.S., Canada 1-800-211-4279
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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 1
Skin Corrosion/Irritation	Category 2

Signal Word	
DANGER	

Hazard Statement(s)	
H318 Causes serious eye damage	
H315 Causes skin irritation	

Hazard Pictogram(s)	
Corrosion	A diamond-shaped pictogram with a red border, showing two hands being corroded by a liquid dripping from a test tube.

SAFETY DATA SHEET



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.

Precautionary Statement(s) - Prevention

Wear eye protection/face protection.

Wash hands thoroughly after handling.
 Wear protective gloves.

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.
 Immediately call a poison control center or physician.

If on skin: Wash with plenty of water.
 If skin irritation occurs: Get medical advice/attention.
 Take off contaminated clothing and wash it before reuse.

Precautionary Statement(s) - Storage

Store locked up.

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 ¹	Concentration ¹
sodium lauryl sulfate	cleaning agent	151-21-3	30% to 60%
polyvinyl alcohol	water soluble film	25213-24-5	15% to 40%
aqua (water)	diluent	7732-18-5	5% to 10%
laureth-6	cleaning agent	68439-50-9	5% to 10%
glycerin	solubilizer	56-81-5	0.5% to 1.5%
sodium citrate	water softener	68-04-2 / 6132-04-3	0.1% to 1%
phenoxyethanol	solvent	122-99-6	0.1% to 1%
protease (subtilisin) (aep)	enzyme cleaning agent	9014-01-1	<0.1%
May contain:	.	.	
sodium carbonate	processing aid	497-19-8	0.1% to 1%

¹ 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.

SAFETY DATA SHEET



Section 4: First Aid Measures

Eye Contact	Promptly flush with water. 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 the eye. Call a poison control center or doctor for treatment advice.
Skin Contact	Rinse thoroughly with water if skin contact occurs. Call a physician if irritation or rash develops or persists. Remove contaminated clothing and wash before reuse.
Ingestion	Do not induce vomiting. Rinse out mouth and drink one glass of water immediately. Contact a poison control center or physician.
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.

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. Store in original container and keep container closed when not in use. Avoid freezing.
Storage Incompatibilities	None known.

SAFETY DATA SHEET



Section 8: Exposure Controls, Personal Protection

Exposure Limits		Occupational exposure limits
Component Information:		
glycerin	56-81-5	USA OSHA - PEL - 15 mg/m3 TWA (mist, total particulate); 5 mg/m3 TWA (mist, respirable fraction) CA, HI, MI, MN, NY, OR, TN, VT, WA - OEL/PEL - 10 mg/m3 PEL (mist, total dust); 5 mg/m3 TWA (mist, respirable fraction) WA - PEL - 20 mg/m3 STEL (mist, total particulate), 10 mg/m3 STEL (mist, respirable fraction) AB, NB, NT, NU, ON, QC, SK, YT - OEL - 10 mg/m3 (mist) TWA BC - OEL - 10 mg/m3 (mist); 3 mg/m3 TWA (mist, respirable) TWA NT, NU, SK - OEL - 20 mg/m3 (mist) STEL
phenoxyethanol	122-99-6	ON - TWA - 5 ppm TWA (skin)
protease (subtilisin) (aep)	9014-01-1	ACGIH - TLV - 0.00006 mg/m3 Ceiling AOEC - Asthmagens - Sensitizer (324.010) NIOSH - 0.00006 mg/m3 STEL (60 min) CA, CT, HI, MI, MN, NY, TN, WA - OEL/PEL - 0.00006 mg/m3 STEL (60 min) AB, BC, MB, NB, NL, NT, NS, NU, ON, PE, QC, SK, YT - OEL - 0.00006 mg/m3 Ceiling
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 must 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	Solid.
Color	White
Clarity	Solid
Odor	Unfragranced. Characteristic of the ingredients
Odor Threshold	Not available.
pH (aqueous dilution)	6.5 - 8.5 (10%)
Melting Point	Not available.
Flammability	Not flammable.
Upper Explosive Limit (UEL)	Not applicable.
Lower Explosive Limit (LEL)	Not applicable.
Vapor Pressure (mmHg)	Not available.
Vapor Density (Air = 1)	Not available.
Solubility in Water	Soluble
Auto-Ignition Temperature	Not available.

SAFETY DATA SHEET



Decomposition Temperature	Not available.
Bulk Density	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.
Hazardous Decomposition Products	None known.

Section 11: Toxicological Information

Potential Route(s) of Exposure	Eyes. Skin. Ingestion.	
Effects of Acute Exposure		
Oral Toxicity	LD50 >2000 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 :		
sodium lauryl sulfate	151-21-3	LD50 acute oral (rat) 1288 mg/kg
polyvinyl alcohol	25213-24-5	LD50 acute oral (rat) >5000 mg/kg
aqua (water)	7732-18-5	Not applicable
laureth-6	68439-50-9	LD50 acute oral (rat) 1870 mg/kg
glycerin	56-81-5	LD50 acute oral (rat) 27200 mg/kg
sodium citrate	68-04-2 / 6132-04-3	LD50 acute oral (rat) 5400 mg/kg
phenoxyethanol	122-99-6	LD50 acute oral (rat) 1394 mg/kg
protease (subtilisin) (aep)	9014-01-1	LD50 acute oral (rat) 1800 mg/kg
May contain:	.	.
sodium carbonate	497-19-8	LD50 acute oral (rat) 2800 mg/kg
.	.	.
Eye Contact	Causes serious eye damage, based on ingredients.	
Skin Contact	Skin irritant, based on ingredients. Possible irritation from prolonged contact with the undiluted product.	
Skin Sensitization	Not classified for skin sensitization, based on ingredients.	
Respiratory Sensitization	Not 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	

SAFETY DATA SHEET



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	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	CT05
Washington Hazardous Waste Code	WT02
Other States	Any disposal must be in compliance with applicable local, state, provincial and federal laws and regulations.
Empty Packaging	Offer empty container 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.
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).

SAFETY DATA SHEET



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:			
glycerin	56-81-5	Massachusetts New Jersey Pennsylvania	
phenoxyethanol	122-99-6	New Jersey (glycol ether) Pennsylvania (glycol ether)	
.	.	.	

Ingredient Transparency			
California Cleaning Product Right to Know Act			
Learn more about these Designated Lists		https://www.seventhgeneration.com/ca-designated-lists	

Ingredient	Function	CAS Number	Designated Lists
sodium lauryl sulfate	cleaning agent	151-21-3	.
polyvinyl alcohol	water soluble film	25213-24-5	.
aqua (water)	diluent	7732-18-5	.
laureth-6	cleaning agent	68439-50-9	.
glycerin	solubilizer	56-81-5	.
sodium citrate	water softener	68-04-2 / 6132-04-3	.
phenoxyethanol	solvent	122-99-6	CA TACs.
protease (subtilisin) (aep)	enzyme cleaning agent	9014-01-1	EU Respiratory Sensitizers.
May contain:	.	.	.
sodium carbonate	processing aid	497-19-8	.
.	.	.	.

Section 16: Other Information

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

National Fire Protection Association (NFPA) Rating	Not determined.
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Prepared by	Seventh Generation, Inc.
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Revision Date	26 August 2024
Revision Note	Revised Sections 9 and 15.

SAFETY DATA SHEET



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