

# SAFETY DATA SHEET



Issue date 29 May 2015

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This Safety Data Sheet (SDS) is intended to provide product information for workplaces, emergency personnel and other situations where there is potential for longer exposure or exposure to larger quantities of product. For consumer use, applicable precautionary information is provided on the product label. This SDS is designed to cover both U.S. and Canadian requirements. Differences between U.S. and Canadian requirements are noted where applicable.

## Section 1: Identification of Product and Company

Product Name	Fabric Softener Sheets
Synonyms	Natural Fabric Softener Sheets
Product Use	Laundry Additive
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

<b>Hazardous Materials Identification System (HMIS) Rating</b> Legend: 4-Severe, 3-Serious, 2-Moderate, 1-Slight, 0-Minimal	<b>HEALTH</b>	<b>0</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>Classification</b>	
U.S.	This product is not considered hazardous under the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).
Canada	This product is not considered hazardous under the WHMIS 2015.

Emergency Overview	No known health hazards.
<b>Precautionary Statements</b>	
Eyes	Minimal Irritant
Skin	Non-Irritant
Ingestion	Non-Toxic
Inhalation	No health effects are expected.
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 3.

## 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 <sup>1</sup>	LD50 <sup>2</sup>
di-(palm carboxyethyl) hydroxyethyl methylammonium methyl sulfates (and) fatty acid	fabric softening agent	157905-74-3 & 73807-15-5	30% - 100%	>5000 mg/kg
essential oils & botanical extracts*	fragrance	mixture	$\leq 1\%$	>2000 mg/kg

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Substrate:				
paper		Not applicable	100.00%	Not applicable
*Free & Clear: not applicable.				
*Blue Eucalyptus & Lavender: eucalyptus dives, lavandula angustifolia (lavender) oil, lavandula hybrida (lavandin) oil, pinus sylvestris (pine). Linalool and d-limonene are components of these essential oils.				

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

<sup>2</sup> LD50 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 4: First Aid Measures

<b>Eye Contact</b>	Flush eyes with water immediately after contact. Call a physician if irritation develops or persists.
<b>Skin Contact</b>	Rinse thoroughly with water if skin contact occurs. Call a physician if irritation develops or persists.
<b>Ingestion</b>	Drink 4-8 ounces of water or milk immediately. If prolonged nausea or pain occurs call a doctor.
<b>Inhalation</b>	No need for first aid is expected.
<b>Notes to Physician</b>	Treat symptomatically.
<b>Most important symptoms and effects</b>	Acute exposure may result in eye irritation.

## 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>Household Setting</b>	Small spills and leaks may be cleaned up and disposed of in normal household trash.
<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. Dispose in accordance with all applicable local, state, and federal regulations.

## Section 7: Handling and Storage

<b>Safe Handling</b>	
<b>Household Setting</b>	Use as directed on product label.
<b>Industrial Setting</b>	Wear appropriate personal protective equipment (refer to section 8).
<b>Safe Storage</b>	KEEP OUT OF REACH OF CHILDREN AND PETS. Store in original container and keep container closed when not in use.
<b>Storage Incompatibilities</b>	None known.

## Section 8: Exposure Controls, Personal Protection

<b>Exposure Limits</b>	None known.
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Engineering Controls	Not applicable.
<b>Personal Protective Equipment (PPE)</b>	
Household Setting	No special precautions necessary as long as product is used as directed.
<b>Industrial Setting</b>	
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.

## Section 9: Physical and Chemical Properties

Physical State	Solid.
Color	Brown
Clarity	Opaque
Odor	Unscented: Characteristic of the ingredients. Scented: Characteristic of the ingredients.
Odor Threshold	Not available.

pH (1% aqueous dilution)	---
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	Not applicable.
Auto-Ignition Temperature	Not available.
Decomposition Temperature	Not available.
Bulk Density	Not available.
VOC (weight %)	Not available.

## Section 10: Stability and Reactivity

Reactivity	Not available.
Chemical Stability	Stable.
Possibility of Hazardous Reactions	None known.
Conditions to Avoid	None known.
<b>Incompatible Materials</b>	
Household Setting	In general, cleaning products should not be mixed with other household chemicals, unless specifically provided for in the use directions.
Industrial Setting	None known.
Hazardous Decomposition Products	None known.

## Section 11: Toxicological Information

Potential Route(s) of Exposure	Eyes. Skin. Ingestion.
<b>Effects of Acute Exposure</b>	
Oral Toxicity	LD50 >5000 mg/kg, calculated based on ingredients.
Dermal Toxicity	Not available.
Inhalation Toxicity	Not available.
Eye Contact	Minimal Irritant, based on in-vitro data.
Skin Contact	Non-Irritant, based on Human Repeat Insult Patch Test (HRIPT).
Component Information	Refer to section 3 for ingredient LD50 (acute oral).
Effects of Chronic Exposure	Not expected to have chronic health effects.

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<b>Sensitization</b>	Does not indicate a potential for allergic contact sensitization, based on Human Repeat Insult Patch Test (HRIPT).
<b>Carcinogenicity</b>	Not expected to have chronic health effects.
<b>NTP</b>	No Ingredients Listed
<b>IARC</b>	No Ingredients Listed
<b>OSHA</b>	No Ingredients Listed
<b>Reproductive Effects</b>	Not expected to have chronic health effects.
<b>Teratogenicity</b>	Not expected to have chronic health effects.
<b>Mutagenicity</b>	Not expected to have chronic health effects.
<b>Target Organ Effects</b>	Not expected to have chronic health effects.

## Section 12: Ecological Information

<b>Ecotoxicity</b>	Not available.
<b>Persistence and Degradability</b>	This product is compostable.
<b>Bioaccumulative Potential</b>	Not applicable.
<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>Household Setting</b>	Product residues in the container may be discarded in trash.
<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>Empty Packaging</b>	Offer empty container for recycling. If recycling is not available, discard in trash. <div style="text-align: right;">   <p><small>*Not recycled in all communities</small></p> <p><b>how2recycle.info</b></p> </div>

## Section 14: Transport Information

<b>U.S. DOT (Surface Transport)</b>	Not regulated.
<b>U.S. States (Surface Transport)</b>	Not regulated as finished product. 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>IATA (Air Transport)</b>	Not regulated.
<b>IMDG (Marine 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).

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<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>	Meets applicable California Air Resource Board requirements for consumer products.
<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, Seventh Generation discloses all intentionally added ingredients and, if applicable incidental ingredients $\geq 1\%$ on the product label. Please refer to Section 3. of this SDS for ingredient listing.
<b>Other</b>	Fragrances used in this product comply with applicable International Fragrance Association (IFRA) guidance.

## Section 16: Other Information

<b>Prepared by</b>	Seventh Generation Inc.
<b>Issuing Date</b>	29 May 2015
<b>Revision Date</b>	29 May 2015
<b>Revision Note</b>	Revised format as per OSHA 2012 and WHMIS 2015.

**Please note:** This product is manufactured and marketed for 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**