

SAFETY DATA SHEET



Issue date 3 August 2018

FM000037-00.2

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	Toilet Bowl Cleaner - Emerald Cypress & Fir
Synonyms	Professional Toilet Bowl Cleaner - Emerald Cypress & Fir
Product Use	Toilet Bowl 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 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
Skin Corrosion/Irritation	Category 2

Signal Word	
WARNING	

Hazard Statement(s)	
H319 Causes serious eye irritation	
H315 Causes skin irritation	

Hazard Pictogram(s)	
Exclamation mark	

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.	

SAFETY DATA SHEET



Precautionary Statement(s) - Prevention	
Wash hands thoroughly after handling.	Wear eye 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.	If eye irritation persists: Get medical advice/attention.
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	
None	

Precautionary Statement(s) - Disposal	
None	

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 ¹
aqua (water)	diluent	7732-18-5	30% - 100%
lactic acid	pH adjuster	79-33-4	1% - 3%
decyl glucoside	cleaning agent	68515-73-1 & 110615-47-9	1% - 3%
xanthan gum	thickener	11138-66-2	<1%
essential oils & botanical ingredients*	fragrance	mixture	<1%

*Emerald Cypress & Fir: abies balsamea (balsam fir) extract, citrus aurantifolia (lime) oil, cupressus sempervirens (cypress) oil. d-Limonene is a component of these fragrance ingredients.

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 if skin contact occurs. Call a physician if irritation or rash develops or persists. Remove contaminated clothing and wash before reuse.
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.

SAFETY DATA SHEET



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	
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:	
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 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.
----------------	---------

SAFETY DATA SHEET



Color	White-ish
Clarity	Opaque
Odor	Fragranced. Characteristic of the ingredients
Odor Threshold	Not available.

pH	2.6 - 3.0
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 (H ₂ O = 1)	0.99 - 1.01
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 determined.	
Inhalation Toxicity	Not determined.	
Component Information ¹ :		
aqua (water)	7732-18-5	Not applicable
lactic acid	79-33-4	LD50 acute oral (rat) 3730 mg/kg
decyl glucoside	68515-73-1 & 110615-47-9	LD50 acute oral (rat) >2000 mg/kg
xanthan gum	11138-66-2	LD50 acute oral (rat) >5000 mg/kg
essential oils & botanical ingredients*	mixture	LD50 acute oral (rat), calculated >5000 mg/kg
.	.	.
Eye Contact	Moderate Irritant, based on in-vitro data.	

SAFETY DATA SHEET




Skin Contact	Skin irritant, based on in-vitro data. 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

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 OECD 301B. Ready biodegradability.
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
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. 

Section 14: Transport Information

U.S. DOT	Not regulated.
-----------------	----------------

SAFETY DATA SHEET



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)	Meets applicable California Air Resource Board requirements for consumer products.
Canada	
Domestic Substances List (DSL)	This product complies with the inventory requirements under Canada's Domestic Substances List (DSL).
Right to Know	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.
Component Information:	
.	
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	B

National Fire Protection Association (NFPA) Rating	Not determined.
---	-----------------

Professional Product Label Information

DIRECTIONS FOR USE:
Squirt under toilet bowl or urinal rim, brush, and then flush.

Consumer Product Label Information

CAUTION:
EYE AND SKIN IRRITANT

HOW TO USE
Squirt under toilet bowl rim. Brush the bowl and then flush.

KEEP OUT OF REACH OF CHILDREN. CAUTION: EYE AND SKIN IRRITANT. Avoid contact with eyes or skin. FIRST AID TREATMENT: For product contents see ingredient list. CONTACT WITH EYES OR SKIN: Flush immediately with water for at least 15 minutes and consult a physician. If swallowed, drink plenty of water and consult a physician.

SAFETY DATA SHEET



Prepared by	Seventh Generation Inc.
Issuing Date	3 August 2018
Revision Date	3 August 2018
Revision Note	Revised Sections 1, 2, 3, 4, 6, 7, 8, 9, 10, 11, 12, 15 and 16.

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