

# SAFETY DATA SHEET

THE LAUNDRESS  
NEW YORK

Issue date 23 February 2023

TLFM000123-00.1

## Section 1: Identification of Product and Company

Product Name	The Laundress - Signature Detergent - Classic
Synonyms	850041104256
Product Use	Laundry Detergent
Restrictions on Use	Follow directions on the product label
Manufacturer Name Address	The Laundress LLC 247 West 30th Street 7th Floor, New York, NY 10001, USA
Emergency Telephone Number Mo - Fr 9 am - 5 pm ET (except holidays)	1-800-282-4121

## 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 2B
Signal Word	WARNING
Hazard Statement(s)	H320 Causes eye irritation
Hazard Pictogram(s)	None
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	Wash hands thoroughly after handling.
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.
Precautionary Statement(s) - Storage	None

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## 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 11.

## Section 3: Composition, Information on Ingredients

Regardless of hazard classification, all intentionally added ingredients are disclosed on the product label.

Ingredient	Function	CAS Number <sup>1</sup>	Concentration <sup>1</sup>
aqua (water)	solvent	7732-18-5	30% - 100%
laureth-6	surfactant	68439-50-9	10% - 30%
sodium lauryl sulfate	surfactant	68585-47-7	3% - 10%
sodium citrate	water softener	68-04-2 / 6132-04-3	3% - 10%
glycerin	enzyme stabilizer	56-81-5	3% - 10%
sodium oleate	anti-foaming agent	143-19-1	1% - 3%
fragrances	fragrance	mixture	1% - 3%
citric acid	pH adjuster	77-92-9	<1%
protease (subtilisin) (aep)	enzyme soil remover	9014-01-1	<0.1%
amylase (aep)	enzyme soil remover	9000-90-2	<0.1%
mannanase (aep)	enzyme soil remover	37288-54-3	<0.1%
benzisothiazolinone	preservative	2634-33-5	<0.01%
methylisothiazolinone	preservative	2682-20-4	<0.01%

<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>	Flush eyes with water immediately after contact. Contact a physician if irritation develops or persists.
<b>Skin Contact</b>	Rinse thoroughly with water. Call a physician if irritation or rash develops or persists.
<b>Ingestion</b>	Drink one glass of water or milk immediately. If prolonged nausea or pain occurs call a doctor.
<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.

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## 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. 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 (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. Avoid freezing.
<b>Storage Incompatibilities</b>	None known.

## Section 8: Exposure Controls, Personal Protection

<b>Exposure Limits</b>	Occupational exposure limits	
<b>Component Information:</b>		
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
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
amylase (aep)	9000-90-2	AOEC - Asthmagens - Sensitizer (324.17)
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<b>Engineering Controls</b>	General ventilation.	
<b>Personal Protective Equipment (PPE)</b>		
<b>Industrial Setting</b>		
<b>Respiratory Protection</b>	None required under normal conditions. General ventilation required.	
<b>Eye Protection</b>	Goggles or other protective eye wear may be worn for protection.	

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<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>	Liquid.
<b>Color</b>	Light amber
<b>Clarity</b>	Clear
<b>Odor</b>	Fragranced. Characteristic of the ingredients
<b>Odor Threshold</b>	Not available.

<b>pH</b>	8.5 - 8.9
<b>Melting Point</b>	Not available.
<b>Freezing Point</b>	Not available.
<b>Initial Boiling Point and Boiling Range</b>	Not available.
<b>Flash Point</b>	Not available. Aqueous Solution.
<b>Evaporation Rate</b>	Not available.
<b>Upper Explosive Limit (UEL)</b>	Not applicable.
<b>Lower Explosive Limit (LEL)</b>	Not applicable.
<b>Vapor Pressure (mmHg)</b>	Not available.
<b>Specific Gravity (H<sub>2</sub>O = 1)</b>	---
<b>Relative Density</b>	Not available.
<b>Vapor Density (Air = 1)</b>	Not available.
<b>Solubility in Water</b>	Miscible
<b>Partition Coefficient: n-octanol/water</b>	Not available.
<b>Auto-Ignition Temperature</b>	Not available.
<b>Decomposition Temperature</b>	Not available.
<b>Viscosity</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>	
<b>Industrial Setting</b>	None known.
<b>Hazardous Decomposition Products</b>	None known.

## Section 11: Toxicological Information

<b>Potential Route(s) of Exposure</b>	Eyes. Skin. Ingestion.	
<b>Effects of Acute Exposure</b>		
<b>Oral Toxicity</b>	LD50 >5000 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>		
aqua (water)	7732-18-5	Not applicable
laureth-6	68439-50-9	LD50 acute oral (rat) 1870 mg/kg
sodium lauryl sulfate	68585-47-7	LD50 acute oral (rat) 1288 mg/kg
sodium citrate	68-04-2 / 6132-04-3	LD50 acute oral (rat) 5400 mg/kg
glycerin	56-81-5	LD50 acute oral (rat) 27200 mg/kg

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sodium oleate	143-19-1	LD50 acute oral (rat) >5000 mg/kg
fragrances	mixture	LD50 acute oral (rat), calculated >2000 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
amylase (aep)	9000-90-2	LD50 acute oral (rat) >7500 mg/kg
mannanase (aep)	37288-54-3	LD50 acute oral (rat) >5000 mg/kg
benzisothiazolinone	2634-33-5	LD50 acute oral (rat) 1020 mg/kg
methylisothiazolinone	2682-20-4	LD50 acute oral (rat) 120 mg/kg
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<b>Eye Contact</b>	Mild Irritant, based on in-vitro data.	
<b>Skin Contact</b>	Not classified for skin irritation, based on ingredients. 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>	Not 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	

## Section 12: Ecological Information

<b>Ecotoxicity</b>	Not available.
<b>Persistence and Degradability</b>	Not available.
<b>Bioaccumulative Potential</b>	Not available.
<b>Mobility in Soil</b>	Not available.
<b>Environmental Fate</b>	Not available.

## 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.
<b>California Hazardous Waste Code</b>	561
<b>Connecticut Hazardous Waste Code</b>	CT04
<b>Michigan Liquid Waste Code</b>	MILIB
<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.

## 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.

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<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.
<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

### U.S.

<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.

### Canada

<b>Domestic Substances List (DSL)</b>	This product complies with the inventory requirements under Canada's Domestic Substances List (DSL).
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<b>Right to Know</b>	Regardless of hazard classification, intentionally added ingredients are listed on the product label. Please refer to Section 3. of this SDS for ingredient listing.
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<b>Component Information:</b>		
glycerin	56-81-5	Massachusetts New Jersey Pennsylvania
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### Ingredient Transparency

<b>California Cleaning Product Right to Know Act</b>
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**Learn more about these Designated Lists** [www.thelaundress.com/pages/california-right-to-know](http://www.thelaundress.com/pages/california-right-to-know)

Ingredient	Function	CAS Number	Designated Lists
aqua (water)	solvent	7732-18-5	.
laureth-6	surfactant	68439-50-9	.
sodium lauryl sulfate	surfactant	68585-47-7	.
sodium citrate	water softener	68-04-2 / 6132-04-3	.
glycerin	enzyme stabilizer	56-81-5	.
sodium oleate	anti-foaming agent	143-19-1	.
fragrances	fragrance	mixture	.
citric acid	pH adjuster	77-92-9	.
protease (subtilisin) (aep)	enzyme soil remover	9014-01-1	EU Respiratory Sensitizers.
amylase (aep)	enzyme soil remover	9000-90-2	EU Respiratory Sensitizers.
mannanase (aep)	enzyme soil remover	37288-54-3	.
benzisothiazolinone	preservative	2634-33-5	.
methylisothiazolinone	preservative	2682-20-4	.

**Fragrance Components** The following fragrance components appear on a Designated List.

Ingredient	Function	CAS Number	Designated Lists
dodecanenitrile	fragrance	2437-25-4	CA TACs.
geraniol	fragrance	106-24-1	EU Fragrance Allergens.
citronellol	fragrance	106-22-9	EU Fragrance Allergens.
linalool	fragrance	78-70-6	EU Fragrance Allergens.
eugenol	fragrance	97-53-0	EU Fragrance Allergens.
coumarin	fragrance	91-64-5	EU Fragrance Allergens.
alpha-isomethyl ionone	fragrance	127-51-5	EU Fragrance Allergens.
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Other	Fragrances used in this product comply with applicable International Fragrance Association (IFRA) guidance.
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## Section 16: Other Information

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

National Fire Protection Association (NFPA) Rating	Not determined.
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Prepared by	The Laundress LLC
Issuing Date	23 February 2023
Revision Date	23 February 2023
Revision Note	First Issue

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. This product conforms to our standard specifications 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