

SAFETY DATA SHEET

THE LAUNDRESS
NEW YORK

Issue date 30 March 2023

TLFM000128-00.1

Section 1: Identification of Product and Company

Product Name	The Laundress - Stain Solution - Fragrance Free
Synonyms	850041104300
Product Use	Laundry Additive
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 ¹	Concentration ¹
aqua (water)	solvent	7732-18-5	30% - 100%
laureth-6	surfactant	68439-50-9	10% - 30%
sodium citrate	water softener	68-04-2 / 6132-04-3	3% - 10%
sodium lauryl sulfate	surfactant	68585-47-7	3% - 10%
sodium chloride	viscosity modifier	7647-14-5	3% - 10%
sodium oleate	anti-foaming agent	143-19-1	1% - 3%
calcium chloride	enzyme stabilizer	10043-52-4	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%

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.

Section 4: First Aid Measures

Eye Contact	Flush eyes with water immediately after contact. Contact a physician if irritation develops or 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.

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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.

Section 8: Exposure Controls, Personal Protection

Exposure Limits	Occupational exposure limits	
Component Information:		
calcium chloride	10043-52-4	Ontario - OEL - 5 mg/m ³ TWA
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)
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.	

Section 9: Physical and Chemical Properties

Physical State	Liquid.
Color	Light amber
Clarity	Clear
Odor	Unfragranced. Characteristic of the ingredients
Odor Threshold	Not available.

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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)	---
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.
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
sodium citrate	68-04-2 / 6132-04-3	LD50 acute oral (rat) 5400 mg/kg
sodium lauryl sulfate	68585-47-7	LD50 acute oral (rat) 1288 mg/kg
sodium chloride	7647-14-5	LD50 acute oral (rat) 3000 mg/kg
sodium oleate	143-19-1	LD50 acute oral (rat) >5000 mg/kg
calcium chloride	10043-52-4	LD50 acute oral (rat) >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
benzothiazolinone	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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Eye Contact	Mild Irritant, based on in-vitro data.	

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Skin Contact	Not classified for skin irritation, 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

Section 12: Ecological Information

Ecotoxicity	Not available.
Persistence and Degradability	Not available.
Bioaccumulative Potential	Not available.
Mobility in Soil	Not available.
Environmental Fate	Not available.

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.
California Hazardous Waste Code	561
Connecticut Hazardous Waste Code	CT04
Michigan Liquid Waste Code	MILIB
Washington Hazardous Waste Code	WT02
Other States	Any disposal must be in compliance with applicable local, state, provincial and federal laws and regulations.

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.
Canadian TDG (Surface Transport)	Not regulated.
IMDG (Marine Transport)	Not regulated.
IATA (Air Transport)	Not regulated.

Section 15: Regulatory Information

U.S.	
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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).
Right to Know	Regardless of hazard classification, intentionally added ingredients are listed on the product label. Please refer to Section 3. of this SDS for ingredient listing.

Component Information:		

Ingredient Transparency
California Cleaning Product Right to Know Act

Learn more about these Designated Lists 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 citrate	water softener	68-04-2 / 6132-04-3	.
sodium lauryl sulfate	surfactant	68585-47-7	.
sodium chloride	viscosity modifier	7647-14-5	.
sodium oleate	anti-foaming agent	143-19-1	.
calcium chloride	enzyme stabilizer	10043-52-4	.
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	.

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
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Revision Date	30 March 2023
Revision Note	First Issue

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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