

Issue date TLFM000128-00.1 August 2023

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.

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	The Laundress - Stain Solution - Fragrance Free	
Synonyms	850041104300	
Product Use	Laundry Additive	
Restrictions on Use	Follow directions on the product label	
Manufacture Name	The Lorentz LLO	
Manufacturer Name	The Laundress LLC	
Address	247 West 30th Street 7th Floor, New York, NY 10001, USA	
Emergency Telephone Number	<u> </u>	
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	
Lye Damage/intation	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.

THE LAUNDRESS

#### 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

#### 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	65% to 85%	
laureth-6	surfactant	68439-50-9	1% to 5%	
sodium citrate	water softener	68-04-2 / 6132-04-3	1% to 5%	
sodium lauryl sulfate	surfactant	68585-47-7	1% to 5%	
sodium chloride	viscosity modifier	7647-14-5	1% to 5%	
sodium oleate	anti-foaming agent	143-19-1	0.5% to 1.5%	
calcium chloride	enzyme stabilizer	10043-52-4	<0.1%	
citric acid	pH adjuster	77-92-9	<0.1%	
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>&</sup>lt;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

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.



Mark law and and assessed assessed a ffeet	Acute exposure may result in eye irritation. Symptoms of acute exposure may include the
Most important symptoms and effects	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	Not available.	
mixture	Not available.	
Hazardous Combustion Products	Not available.	
Protective Equipment and Precautions for	Fire fighters should wear full protective clothing and self contained breathing apparatus as for	
Firefighters	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.	

### Section 8: Exposure Controls, Personal Protection

Exposure Limits	Occupational exposure limits		
Component Information:			
calcium chloride	10043-52-4	Ontario - OEL - 5 mg/m3 TWA	
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)	
Engineering Controls	General ventilation	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.

рН	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	1.	
Effects of Acute Exposure			
Oral Toxicity	LD50 >5000 mg/kg, c	alculated based on ingredients.	
Dermal Toxicity	Not classified. No kn	own effects based on ingredients.	
Inhalation Toxicity	Not classified. No kn	Not classified. No known effects based on ingredients.	
Component Information <sup>1</sup> :			
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
benzisothiazolinone	2634-33-5	LD50 acute oral (rat) 1020 mg/kg
methylisothiazolinone	2682-20-4	LD50 acute oral (rat) 120 mg/kg
Eye Contact	Mild Irritant, based on in-vitro data.	
Skin Contact	Not classifed 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. We are aware of the following state waste classifications:
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.
Empty Packaging	Offer empty container for recycling. If recycling is not available, discard in trash.

protease (subtilisin) (aep)

amylase (aep)

mannanase (aep)

benzisothiazolinone

methylisothiazolinone



J.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.
MDG (Marine Transport)	Not regulated.
IATA (Air Transport)	Not regulated.

#### U.S. This product complies with the inventory requirements of the U.S. Toxic Substances Control Act **Toxic Substances Control Act (TSCA)** (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 This product complies with the inventory requirements under Canada's Domestic Substances **Domestic Substances List (DSL)** List (DSL). Regardless of hazard classification, intentionally added ingredients are listed on the product Right to Know 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** 7732-18-5 aqua (water) solvent laureth-6 68439-50-9 surfactant sodium citrate water softener 68-04-2 / 6132-04-3 sodium lauryl sulfate 68585-47-7 surfactant 7647-14-5 sodium chloride viscosity modifier 143-19-1 sodium oleate anti-foaming agent calcium chloride enzyme stabilizer 10043-52-4 citric acid pH adjuster 77-92-9

ection 16: Other Information			
azardous Materials Identification System (HMIS) Rating	HEALTH	/	1
Legend: 4-Severe, 3-Serious, 2-Moderate, 1-Slight, 0-Minimal	FLAMMABILITY		0
	PHYSICAL HAZARDS		0
	PERSONAL PROTECTION		Α

enzyme soil remover

enzyme soil remover

enzyme soil remover

preservative

preservative

9014-01-1

9000-90-2

37288-54-3

2634-33-5 2682-20-4 EU Respiratory Sensitizers.

EU Respiratory Sensitizers.



National Fire Protection Association (NFPA) Rating	Not determined.
Consumer Product Information	

Refer to the product label for use directions and safety information.

Visit thelaundress.com for more information.

Prepared by	The Laundress LLC
Issuing Date	27 August 2023
Revision Date	27 August 2023
Revision Note	General format update

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**