



LAVO  
11900 Boul. Saint-Jean Baptiste  
Montréal, QC, H1C 2J3  
CANADA  
1-800-361-6898

**PRODUCT: LA PARISIENNE Detergent Ultra Sunshine**

**CODE: LPF05-2514**

### SECTION 01: IDENTIFICATION

Product identification..... LA PARISIENNE Detergent Ultra Sunshine  
Product code..... LP F05-2514  
Recommended use..... Laundry detergent. Domestic use.  
Manufacturer by..... LAVO  
11900 Boul. Saint-Jean-Baptiste  
Montréal, QC, H1C 2J3  
CANADA  
1-800-361-6898  
Business hours..... 8:00AM - 4:30PM.  
24 HOUR EMERGENCY NUMBER:..... CANUTEC 24-Hour Number: 613-996-6666.

### SECTION 02: HAZARD IDENTIFICATION



Signal word..... WARNING.  
Hazard classification..... Skin Corrosion/Irritation Category 2. Eye Irritation Category 2. Acute aquatic toxicity Category 2.  
Hazard statements..... H320 Causes eye irritation. H412 Harmful to aquatic life with long lasting effects. H402 Harmful to aquatic life.  
Precautionary statements..... P280 Wear protective gloves/protective clothing/eye protection/face protection. P281 Use personal protective equipment as required. P270 Do not eat, drink or smoke when using this product. P264 Wash thoroughly after handling. P301+P310: IN CAS OF SWALLOWED: Call IMMEDIATELY a POISON CENTER or physician. P302+P352 IF ON SKIN: Wash with plenty water. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P333+P313: If skin irritation or rash occurs: Get medical advice/attention. P337+P313 If eye irritation persists: Get medical advice/attention. P362+P364 Take off contaminated clothing and wash before reuse. P403+P235 Store in a well-ventilated place. Keep cool. P501 Dispose of contents/container to an approved waste disposal plant.

### SECTION 03: COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL NAME AND SYNONYMS	CAS #	WT. %
Ethoxylated C12-15 Alcohols	68131-39-5	3.0-7.0
Sodium Citrate Dihydrate	6132-04-3	3.0-7.0
Alkyl benzene sulfonic acid	68584-22-5	1.0-5.0
Sodium laureth sulfate	68585-34-2	0.1-1.0
Perfume	Mixture	<0.5
Protease Subtilisin	9014-01-1	<0.05
1,2-Benzyl-3(2H)Isothiazolinone	2634-33-5	<0.05
Lipase	9001-62-1	<0.01
Pectate Lyase	9015-75-2	<0.01
2-Methyl-3(2H)-isothiazolinone	2682-20-4	<0.01
5-Chloro-2-methyl-3(2H)-isothiazolinone	26172-55-4	<0.01

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**SECTION 04: FIRST-AID MEASURES**

Inhalation.....	Seek medical attention. If symptoms develop move victim to fresh air.
Skin contact.....	Wash affected area with large amount of water. Obtain medical attention if irritation develops or persists.
Eye contact.....	Immediately hold eyelids open and flush with water for at least 15 minutes. Check for and remove any contact lenses if easy to do. Call a poison center or physician.
Ingestion.....	Call IMMEDIATELY a poison center or a doctor. Do not induce vomiting or give anything by mouth to an unconscious person.
Acute symptoms/Effects	
Eyes:.....	May irritate eyes.
Ingestion:.....	May be harmful if swallowed.
Inhalation:.....	May cause respiratory tract irritation.
Skin:.....	May irritate skin.
Delayed symptoms/Effects.....	Prolonged or repeated contact may cause drying, cracking and de-fatting of the skin.
General advice.....	Consult a physician. Show this safety data sheet to the doctor.

**SECTION 05: FIRE-FIGHTING MEASURES**

Suitable extinguishing media.....	Use fire-extinguishing media appropriate for surrounding materials.
Unsuitable extinguishing media.....	None known.
Specific hazards arising from the chemical	May include and are not limited to: Oxides of carbon.
Special protective actions for fire-fighters.	Firefighter should wear proper protective equipment and self-contained breathing apparatus with full face piece operated in positive pressure mode.

**SECTION 06: ACCIDENTAL RELEASE MEASURES**

Personnel precautions.....	Restrict access to area until completion of clean up.
Protective equipment.....	Use personnel protective equipment.
Emergency procedures.....	Restrict access to area until completion of clean up. Evacuate personnel to safe areas. Ensure clean up is conducted by trained personnel only. Do not touch and walk through spilled material. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation.
Environmental precautions.....	Ensure spilled product does not enter drains, sewers, waterways, or confined spaces. If necessary, dike well ahead of the spill to prevent runoff into drains, sewers, or any natural waterway or drinking supply. Prevent further leakage or spillage if safe to do.
Methods and materials for containment and cleaning	Stop leak if you can do so without risk. Contain and absorb spilled liquid with non-combustible, inert absorbent material (e.g. sand), then place absorbent material into a container for later disposal. Flush with water. Do not flush into surface water or sanitary sewer system. Contaminated absorbent material may pose the same hazards as the spilled product. Notify the appropriate authorities as required. Small spills may be absorbed with non-reactive absorbent and placed in suitable covered, labeled containers. Contact emergency services and supplier for advice. Never return spills in original containers for re-use.

**SECTION 07: HANDLING AND STORAGE**

Precaution for safe handling.....	Use good industrial hygiene practices in handling this material. Do not eat, drink or smoke when using this product. Do not get in eyes, on skin or on clothing. Wash thoroughly after handling. Keep container tightly closed.
Condition for safe storage.....	Keep out of reach of children. Keep container tightly closed. Store in a cool, dry, well-ventilated area.
Storage temperature.....	5-30°C. Do not freeze.

**SECTION 08: EXPOSURE CONTROLS / PERSONAL PROTECTION**

INGREDIENTS	TWA	ACGIH TLV STEL	PEL	OSHA PEL STEL	REL	NIOSH
Ethoxylated C12-15 Alcohols	Not available	Not available	Not available	Not available	Not available	Not available
Sodium Citrate Dihydrate	Not available	Not available	Not available	Not available	Not available	Not available
	No information available					
Alkyl benzene sulfonic acid	No available	No available	No available	No available	Not available	Not available
Sodium laureth sulfate	Not available	Not available	Not available	Not available	Not available	Not available
Protease Subtilisin	Ceiling 0.00006mg/m3	Ceiling 0.00006mg/m3	Not available	Not available	Not available	Not available

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**SECTION 08: EXPOSURE CONTROLS / PERSONAL PROTECTION**

INGREDIENTS	TWA	ACGIH TLV STEL	PEL	OSHA PEL STEL	REL	NIOSH
1,2-Benzyl-3(2H)Isothiazolone	Not available	Not available	Not available	Not available	Not available	Not available
Lipase	Not available	Not available	Not available	Not available	Not available	Not available
Pectate Lyase	Ceiling 0.00006mg/m3	Ceiling 0.00006mg/m3	Not available	Not available	Not available	Not available
2-Methyl-3(2H)-isothiazolone	Not available	Not available	Not available	Not available	Not available	Not available
5-Chloro-2-methyl-3(2H)-isothiazolinone	Not available	Not available	Not available	Not available	Not available	Not available
ACGIH TLV:..... American Conference of Governmental Industrial Hygienists - Threshold Limit Value. OSHA PEL:..... Occupational Safety and Health Administration - Permissible Exposure Limits. NIOSH IDLH:..... Immediately Dangerous to Life or Health. Appropriate engineering controls..... General ventilation. Eye wash station. Personal protection equipment (PPE)..... As required by employer. Complete suit protecting against chemicals. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workspace. Eye / Face protection:..... Wear safety glasses with side shields or goggles. Skin protection:..... Wear protective gloves. Gloves must be inspected prior to use. Respiratory protection:..... Use appropriate respiratory protection if there is the potential to exceed the exposure limit(s). Use a full face respirator with multi-purpose combination or Wear self contained breathing apparatus. General hygiene considerations..... Handle in accordance with good industrial hygiene and safety practice. When using do not eat or drink. Wash hands before breaks and immediately after handling the product.						

**SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES**

Appearance, physical state.....	Viscous liquid.
Colour.....	Colored mixture. Blue.
Odour.....	Perfumed .
Melting point / Freezing point (°C).....	Not available.
Boiling point (°C).....	Not available.
Flammability.....	Not applicable.
Upper/Lower Flammability or explosive ... limits	Not applicable.
Flash point (°C).....	Not applicable.
Auto ignition temperature (°C).....	Not available.
Decomposition temperature.....	Not available.
pH.....	9.0-11.0.
Viscosity.....	200-600 cPs.
Solubility in water (%w/w).....	Soluble in water.
Partition coefficient n-octanol/water (log)...	Not available.
Vapour pressure (mmHg).....	Not available.
Density.....	1.02-1.04.
Relative Vapour Density (AIR=1).....	Not available.
Refractive Index.....	11-14. 15-17.

**SECTION 10: STABILITY AND REACTIVITY**

Reactivity.....	This product may react with strong acids.
Chemical stability.....	Stable under the recommended storage and handling conditions prescribed.
Possibility of hazardous reactions.....	Hazardous polymerization cannot occur.
Conditions to avoid.....	Do not mix with incompatible materials.
Incompatible materials.....	Acids.
Hazardous decomposition products.....	May include and are not limited to: Calcium oxide.

**SECTION 11: TOXICOLOGICAL INFORMATION**

INGREDIENTS	LC50	LD50
Ethoxylated C12-15 Alcohols	Not available	Oral Rat 300-2000mg/kg; Dermal Rabbit >2000mg/kg;
Sodium Citrate Dihydrate	Not available	Oral Rat >8000mg/kg;

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**SECTION 11: TOXICOLOGICAL INFORMATION**

INGREDIENTS	LC50	LD50
Alkyl benzene sulfonic acid	No available	Oral Rat 500-2000mg/kg;Dermal Rabbit >2000mg/kg;
Sodium laureth sulfate	Not available	Oral Rat >2000mg/kg;Dermal Rabbit >2000mg/kg;
Protease Subtilisin	Not available	Oral >1800mg/kg
1,2-Benzyl-3(2H)isothiazolinone	Inh 4 hrs Rat 5.71mg/L	Oral Rat 1020mg/kg; Dermal Rat >2000mg/kg;
Lipase	Not available	Oral >2000mg/kg
Pectate Lyase	Not available	Oral >2000mg/kg
2-Methyl-3(2H)-isothiazolinone	Not available	Oral Rat 4467mg/kg; Dermal Rabbit >5000mg/kg;
5-Chloro-2-methyl-3(2H)-isothiazolinone	Inh 4hrs 0.11mg/L	Oral Rat 3310mg/kg; Dermal Rabbit >5000mg/kg;
Acute toxicity		
Skin corrosion/irritation.....	May cause skin irritation.	
Serious eye damage/Irritation....	May cause eye irritation.	
Respiratory or skin Sensitivition.	Harmful if inhaled.	
Sensitization.....	Non hazardous.	
This mixture contains:.....	Perfume <0.5%; CAS:2634-33-5 BIT:1,2-Benzyl-3(2H)-isothiazolone <0.05%; CAS:26172-55-4CIT:5-chloro-2-methyl-2H-isothiazol-3-one<0.01%; CAS:2682-20-4MIT:2-methyl-2H-isothiazol-3-one<0.01%; CAS:9014-01-1 Protease <0.05% ; CAS:9001-62-1 Lipase <0.01% ; CAS:9015-75-2 Pectate Lyase <0.01% ;	
Mutagenicity.....	Not available.	
Carcinogenicity.....	No evidence of carcinogenic effects.	
Teratogenicity.....	Not available.	
Reproductive toxicity.....	Not available.	
Specific target organs toxicity - Single exposure	Not available.	
Specific target organs toxicity - Repeated exposure	Not available.	
Aspiration hazard.....	Not available.	
Symptoms related to the physical, chemical and toxicological characteristics	Prolonged or repeated contact may cause drying, cracking and defatting of the skin.	

**SECTION 12: ECOLOGICAL INFORMATION**

Toxicity.....	The product is not expected to be hazardous to the environment.
Persistence and degradability.....	Expected to be biodegradable.
Bioaccumulation potency.....	Not available.
Mobility in soil.....	Not available.
Other adverse effects	

**SECTION 13: DISPOSAL CONSIDERATIONS**

Disposal methods.....	The disposal of the product must be made in an approved sanitary landfill or in a foundry in accordance with state, provincial and/or federal regulations.
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**SECTION 14: TRANSPORT INFORMATION**

TDG Classification.....	Not regulated.
DOT US: Department of Transport US.....	Not regulated.
IMDG: International Maritime Dangerous Goods	Not regulated.
IATA: International Air Transportation Association	Not regulated.

**SECTION 15: REGULATORY INFORMATION**

WHMIS Classification.....	This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and this document contains all the information required by the Controlled Products Regulations.
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SECTION 16: OTHER INFORMATION

DET 12-14Enzl..... F05-2513/2514/  
 Disclaimer:..... The information in the Safety Data Sheet is offered for your consideration and guidance when exposed to this product. LAVO expressly disclaims all expressed or implied warranties for the accuracy or completeness of the data contained herein and assumes no responsibilities for any involved damages by above data. Products users have to do their own tests to establish the applicability of the information for a specific use of the product. SDS data does not apply to use with any other product or in any other process.

Prepared by: ..... Regulatory Affairs  
 Preparation date..... 2021-07-19