

Safety Data Sheet
*acc. to SOR/2015-17 and OSHA 29 CFR Parts 1910, 1915,
1926*

1 Identification

- **Product identifier**
 - Trade name: **LAUNDRY POWDER DETERGENT**
 - **Article number:** 1982555102
 - **Recommended use:** Laundry detergent
 - **Restrictions on use:**
All other uses than those indicated on the product label and technical data sheet.
- **Details of the supplier of the safety data sheet:**
 - **Manufacturer:**
Produits Sanitaires Unique Inc.
La Pocatière, QC
Canada
G0R 1Z0
418-856-2543
 - **Client Identification Number:** 305301
 - **Emergency telephone number:** CANUTEC 1-613-996-6666

2 Hazard(s) identification

- **Classification of the product:**



Eye Irrit. 2A H319 CAUSES SERIOUS EYE IRRITATION.

- **Label elements:**

- **Hazard pictograms:**



GHS07

- **Signal word:** Warning
- **Hazard statements:**
H319 CAUSES SERIOUS EYE IRRITATION.
- **Precautionary statements:**
P280 Wear protective gloves and eye or face protection.
P264 Wash thoroughly after handling.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313 IF EYE IRRITATION PERSISTS: Get medical attention.
- **Classification system:**
 - **NFPA ratings (scale 0 - 4):**



Health = 1
Fire = 0
Reactivity = 0

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- **Hazard not otherwise classified:** None
- **Notes:** For the wording of the listed abbreviations refer to section 16.

3 Composition/information on ingredients

· **Dangerous components:**

CAS	Component	(% w/w)
497-19-8	Sodium Carbonate Met. Corr.1, H290; Eye Irrit. 2, H319	10-<25%
25155-30-0	Sodium Dodecylbenzenesulfonate Acute Tox. 4, H302; Skin Irrit. 2, H315; Eye Irrit. 2A, H319	0.1-<1.5%

4 First-aid measures

- **General information:**
 - **After inhalation:** Rarely cause discomfort; supply fresh air and consult doctor in case of complaints.
 - **After skin contact:** May induce a skin irritation.
 - **After eye contact:**
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
 - **After ingestion:** If symptoms persist consult a doctor.
- **Information for doctor:**
 - **Most important symptoms and effects, both acute and delayed:**
No further relevant information available.

5 Fire-fighting measures

- **Suitable extinguishing media:**
 - **Suitable extinguishing media:**
CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **Specific hazards arising from the product:**
In case of accidental fire and extreme heat conditions, the following gaseous products can be released after water evaporation: hydrocarbons, carbon monoxides and dioxides (CO_x) and nitrogen oxides (NO_x).
- **Advice for firefighters:**
 - **Special protective equipment and precautions for fire-fighters:** No special measures required.
- **Additional information:**
This product is not flammable.
See -Section 9- for the flammability characteristics of this product.

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures:**
Wear recommended protective equipment(s). Keep unprotected persons away.
- **Environmental precautions:** Do not allow to enter sewers, surface or ground water.

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- **Methods and material for containment and cleaning up:**
Dispose contaminated material as waste according to item 13.

7 Handling and storage

- **Handling:**
 - **Precautions for safe handling:** No special precautions are necessary if used correctly.
- **Conditions for safe storage, including any incompatibilities:**
 - **Requirements to be met by storerooms and receptacles:** No special requirements.
 - **Information about storage in one common storage facility:** Not required.
 - **Conditions for safe storage, including any incompatibilities:**
Keep in the original receptacle tightly sealed.
- **Specific end use(s):** No further relevant information available.

8 Exposure controls/personal protection

- **Appropriate engineering controls:** No further data; see item 7.
- **Control parameters:**
 - **Components with limit values that require monitoring at the workplace:**
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
 - **Additional information:** The lists that were valid during the creation were used as basis.
- **Exposure controls:**
 - **Personal protective equipment:**



Safety goggles



Protective gloves

- **General protective and hygienic measures:**
The usual precautionary measures for handling chemicals should be followed.
Wash hands before breaks and at the end of work.
Avoid contact with the eyes and skin.
- **Breathing equipment:** Not required.
- **Protection of hands:**
Protective gloves.
Check protective gloves prior to each use for their proper condition.
- **Eye protection:** Safety goggles.
- **Body protection:**
Protective work clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace. (recommended)

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9 Physical and chemical properties

· Information on basic physical and chemical properties:	
· General Information:	
· Appearance:	
· Form:	Powder
· Colour:	White with blue crystals.
· Odour:	Citrus.
· Odor threshold:	Not determined.
· pH-value at 25 °C:	(1%) 10.5-11.1
· Change in condition:	
· Melting point/Melting range:	Not applicable.
· Boiling point/Boiling range:	1461 °C
· Flash point:	Not determined.
· Flammability (solid, gaseous):	Not determined.
· Ignition temperature:	
· Decomposition temperature:	Not determined.
· Auto igniting:	Product is not selfigniting.
· Danger of explosion:	Product does not present an explosion hazard.
· Explosion limits:	
· Lower:	Not determined.
· Upper:	Not determined.
· Vapour pressure:	Not determined.
· Density:	Not applicable
· Relative density	Not determined.
· Vapour density (air=1):	Not applicable.
· Evaporation rate:	Not applicable.
· Solubility in / Miscibility with:	
· Water:	Fully miscible
· Partition coefficient (n-octanol/water): Not determined.	
· Viscosity:	
· Dynamic:	Not applicable.
· Solvent content:	
· Organic solvents:	0.0 %

10 Stability and reactivity

- **Reactivity:** The product is basic.
- **Chemical stability:**
 - **Thermal decomposition / conditions to be avoided:**
 No decomposition if used according to specifications.
- **Possibility of hazardous reactions:** Reacts with acids.

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- **Conditions to avoid:** No further relevant information available.
- **Incompatible materials:** This product may react with strong oxidizing agents.
- **Hazardous decomposition products:**
 In case of decomposition: carbon monoxide and carbon dioxide and traces of volatile halogenated compounds.

11 Toxicological information

- **Information on the likely routes of exposure:** Skin and eyes contact
- **Acute toxicity:**
- **Numerical measures of toxicity:**

Components Mean of exposure	Type	Value (Species)
ATE (Acute Toxicity Estimates)		
Oral	LD50	3630 mg/kg (Rat)
Dermal	LD50	9303 mg/kg
Inhalative	LC50 (4 h)	11482 mg/L (Rat)
7647-14-5 Sodium Chloride		
Oral	LD50	3550 mg/kg (Rat)
497-19-8 Sodium Carbonate		
Oral	LD50	4090 mg/kg (Rat)
Dermal	LD50	>2000 mg/kg (Rabbit)
Inhalative	LC50 (4 h)	2300 mg/L (Rat)
25155-30-0 Sodium Dodecylbenzenesulfonate		
Oral	LD50	1600 mg/kg (Rat)
Dermal	LD50	>2000 mg/kg (Rat)
Irritation of skin	OECD guideline 404	cat. 2 (Rabbit)
Irritation of eyes	OECD, guideline 405	cat. 1 (Rabbit)
Sensitization	OECD, guideline 406	cat. 2 (guinea pig)

- **Symptomes related to the physical, chemical and toxicological characteristics:**
 - **By inhalation:** Not applicable
 - **If on the skin:** May cause irritation by prolonged contact with skin.
 - **If on the eye:** Irritating effect.
 - **After ingestion:** May cause irritation of the gastrointestinal tract, nausea, vomiting and headache.
 - **Sensitization:** No sensitizing effects known.
- **Delayed and immediate effects, and chronic effects from short-term and long-term exposure:**
 Prolonged or frequent contact can cause eczema and inflammation of the skins as a results of degreasing.
- **Additional toxicological information:**
 The product shows the following dangers according to internally approved calculation methods for preparations:
 Harmful
 Irritant

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· **Carcinogenic categories:**

· **IARC (International Agency for Research on Cancer)**

None of the ingredients is listed.

· **NTP (National Toxicology Program)**

None of the ingredients is listed.

12 Ecological information

· **Toxicity**

· **Aquatic toxicity:**

7647-14-5 Sodium Chloride

EC50 (48 h, OECD guideline 202) 469 mg/L (daphnia magna [water flea])

EC50 (96 h) 860 mg/L (fish)

25155-30-0 Sodium Dodecylbenzenesulfonate

LC50 (96 h, OECD guideline 203) 4.7 mg/L (pimephales promelas [fathead minnow])

EC50 (48 h, OECD guideline 202) 7.6 mg/L (daphnia magna [water flea])

EC50 (72 h, OECD guideline 201) 128 mg/L (Desmodesmus Subspicatus)

NOEC 0.23 mg/L (oncorhynchus mykiss [rainbow trout]) (70 d.)

· **Persistence and degradability:** No relevant information available.

· **Behavior in environmental systems:**

· **Bioaccumulative potential:** No further relevant information available.

· **Mobility in soil:** No further relevant information available.

· **Ecotoxicity:** No relevant information available

· **General notes:** Not known to be hazardous to water.

13 Disposal considerations

· **Waste treatment methods:**

· **Recommendation:**

Must not be disposed of together with household garbage. Do not allow product to reach sewage system unless significantly diluted or neutralized.

· **Uncleaned packagings:**

· **Recommendation:** Disposal must be made according to official regulations.

· **Recommended cleansing agent:** Water.

14 Transport information

· **DOT, ADN, IMDG, IATA** Not regulated.

· **UN proper shipping name**

· **DOT** Not regulated.

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· Transport hazard class(es) · Class	Not regulated.
· Packing group · DOT	Not regulated.
· Environmental hazards:	Not applicable.
· Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.

15 Regulatory information

· **Safety, health and environmental regulations/legislation specific for the substance or mixture:**

· **Chemicals known to cause cancer:**

None of the ingredients is listed.

· **Chemicals known to cause reproductive toxicity for females:**

None of the ingredients is listed.

· **Chemicals known to cause reproductive toxicity for males:**

None of the ingredients is listed.

· **Chemicals known to cause developmental toxicity:**

67-56-1 | Methanol

· **EPA (Environmental Protection Agency)**

None of the ingredients is listed.

· **TLV (Threshold Limit Value established by ACGIH)**

None of the ingredients is listed.

· **NIOSH-Ca (National Institute for Occupational Safety and Health)**

None of the ingredients is listed.

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Date of creation/last revision:** 02/12/2016

· **Abbreviations and acronyms:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
 IMDG: International Maritime Code for Dangerous Goods
 DOT: US Department of Transportation
 IATA: International Air Transport Association
 ACGIH: American Conference of Governmental Industrial Hygienists
 EINECS: European Inventory of Existing Commercial Chemical Substances
 ELINCS: European List of Notified Chemical Substances
 CAS: Chemical Abstracts Service (division of the American Chemical Society)
 NFPA: National Fire Protection Association (USA)
 LC50: Lethal concentration, 50 percent
 LD50: Lethal dose, 50 percent
 NIOSH: National Institute for Occupational Safety

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Met. Corr. 1: Corrosive to metals, Hazard Category 1
Acute Tox. 4: Acute toxicity, Hazard Category 4
Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2
Eye Irrit. 2: Serious eye damage/eye irritation, Hazard Category 2
Eye Irrit. 2A: Serious eye damage/eye irritation, Hazard Category 2A

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