

Safety Data Sheet

Section 1: Product and Company Identification

Product Name: **CADIA LIQUID LAUNDRY FREE & CLEAR**

Product Use: Liquid Detergent for Machine washing

Details of Manufacturer

V.I.P. Soap Products Ltd
32859 Mission Way
Mission BC V2V 6E4
Canada

Phone: 1-604-820-8665

FAX 1-604-820-8804

Date of Preparation: June 2018

Revision date: June 2021

Emergency Phone Numbers

Canada - CANUTEC

1-613-996-6666 OR *666 Cell Phone

USA or CANADA: Call CHEMTREC

1-800-424-9300

Section 2: Hazards Identification

Eye irritant

Data from TOXNET

Section 3: Hazardous Ingredients

INGREDIENT	LD ₅₀	LC ₅₀	CAS#	RANGE %
Lauryl Alcohol Ethoxylate	>2000 mg/kg	No Data	68551-12-2	1 - 10
Sodium Lauryl Sulfate	1200 mg/kg	No Data	151-21-3	1 - 10
Sodium Carbonate	4090 mg/kg	No Data	497-19-8	1 - 10

Section 4: First Aid Measures

Ingestion:

If swallowed give plenty of clean water to drink. Do not induce vomiting. Obtain Medical Advice.

Eye Contact:

In case of contact with eyes, flush with clean warm water for fifteen minutes. If discomfort continues, obtain medical attention

Section 5: Fire Fighting Measures

Flash Point °C	None
Extinguishing Media	Will not burn or support combustion. Use appropriate
Special Fire Fighting Procedure	None
Unusual Fire or Explosion Hazard	None
Flammable Limits	None
Auto Ignition Temperature	None
Conditions of Flammability	None
Suitable Extinguishing Media	Water Spray, Foam, Carbon dioxide as appropriate

Section 6: Accidental Release Measures

Contain accidental spills and prevent access to storm water drains or surface water run-off.

Spilled material collected for re-used where feasible.

Containerize unusable material for recovery or disposal according to local or state regulations

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Section 7: Handling and Storage

Store in original containers
Follow use directions given on the label

Section 8: Exposure Controls – Personal Protection

Personal Protective Equipment

No specific personal protection is required. Prevent eye contact

Respiratory Protection:	Not normally required
Ventilation:	Normal ventilation is adequate
Protective Gloves:	Not normally required
Eye Protection:	Protect eyes from contact or splashes

Section 9: Physical and Chemical Properties

Physical State	Liquid	Appearance	Clear pale yellow
Odor	None	Odor Threshold	Not apply
pH	9.5 – 11.5	Specific Gravity	1.02 – 1.04 g/ml
Solubility in Water	Soluble	Freezing/Melting °C	0°C
Flash Point	Not apply	Vapor Pressure	No Data
Boiling Point	100 °C	Evaporation Rate	Similar to water
Lower Flammability	None	Upper Flammability	Not apply
Auto- Ignition Temp	None	Decomposition temp	Not apply
Viscosity @20°C	200 - 500 cPs	Vapor Density	No Data
Partition Coefficient	>1		

Section 10: Stability and Reactivity

Reactivity	Product is stable
Chemical Stability	Product is stable.
Possible Hazardous Reactions	None
Conditions to Avoid	None specific
Incompatibilities	None
Decomposition	Will not decompose under normal conditions

Section 11: Toxicological Information

Routes of Exposure

Symptoms Summary

Acute toxicity: Eye
Irritant

Laureth-7 It is concluded that this Ethoxylate is typical of the more widely used alcohol Ethoxylates with alkyl chains in the C12-18 range, being moderately acutely toxic by the oral route. By the dermal route - the relevant route of human exposure - it is not expected to produce skin irritation or systemic or reproductive toxicity at concentrations used in formulated cleaning products. PMID: 15523915 PubMed - indexed for MEDLINE; Soap, Perfumery & Cosmetics. Vol. 38, Pg. 47, 1965.

Sodium lauryl sulfate appear to be safe in formulations designed for discontinuous, brief use followed by thorough rinsing from the surface of the skin; Toxnet ISKLIN/1987050008

Sodium Carbonate Sodium carbonate has no or a low skin irritation potential, but it is considered irritating to the eyes. Not recognized as carcinogenic by Research Agencies (IARC, NTP, OSHA, ACGIH). Due to the alkaline properties, an irritation of the respiratory tract is also possible. However, reversible eye and respiratory tract irritation is noted. Document Number: RISKLINE/2006100027

Skin Contact

No problems reported

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Skin Absorption	Unlikely
Eye Contact	Will cause irritation or redness
Inhalation Acute	Unlikely
Inhalation Chronic	Unlikely
Ingestion	Unlikely
Irritancy	Moderate Irritation
Effects of Acute Exposure	No problems reported
Effects of Chronic Exposure	None reported
Carcinogenicity	None reported
Reproductive Toxicity	None reported
Teratogenicity	None reported
Mutagenicity	None reported
Name of Toxicological	None
Synergistic Product:	

Section 12: Ecological Information

General Ecological information:

Lauryl Alcohol Ethoxylate products starting from natural source are very quickly and easily degradable with degradability over 90% according to OECD test.

Sodium lauryl sulfate is readily biodegradable under aerobic and anaerobic conditions and, therefore, does not persist in the environment.^{8,37,45} SLS is considered a sustainable material because of its 100% bio-based content, biodegradability, and low potential to bioaccumulation

Sodium Carbonate Environmental effects mainly due to the pH changed caused by carbonate ion in water thus it affects aquatic life mainly. LC 50 is 100 mg/L for Amphipoda, 67-80mg/L for Salmon and trout can be lethal depending on initial pH of the water. [Found on TOXNET].

Section 13: Disposal Considerations

Waste disposal of the product;

Containerize minor spills for reuse where possible.

Larger quantities are disposed of according to local and municipal regulations

Section 14: Transport Information

General Information:

Not regulated according Canada Transport of Dangerous Goods

Not regulated according to USA Department of Transportation

Section 15: Regulatory Information

Inventory Status: All ingredients listed are on the Canadian Domestic Substances List and the TSCA 2008 List

Section 16: Other Information

Preparation Data:

Prepared by Technical Advisory Service. Phone 1-604-820-8665. The information provided in this Safety Data Sheet obtained from sources believed to be reliable. V.I.P. Soap Products Ltd. provides no Warranties for the accuracy or completeness of the data contained herein. Product classified in accordance with the hazard criteria of the Controlled Products Regulations and the SDS contains information as required by the Controlled Products Regulations. PSCLtd