

Safety Data Sheet

Section 1: Product and Company Identification

Product Name: **SPROUTS LIQUID LAUNDRY DETERGENT HE Free and Clear**

Product Use: Plant Based Liquid Laundry Detergent

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: May 2018

Expires: May 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

Moderate eye irritant

Data from Toxnet

Section 3: Hazardous Ingredients

INGREDIENT	LD ₅₀	LC ₅₀	CAS#	RANGE %
Laureth-7	>2000 mg/kg	No Data	68551-12-2	1 - 10
Sodium Oleate	>2000 mg/kg	No Data	143-19-1	1 - 10
Sodium Lauryl sulfate	1288mg/kg	No Data	151-21-3	1 - 10
Sodium Citrate	1548mg/kg	No Data	6132-04-3	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	Water fog, foam, carbon dioxide, sand or earth may be used for small fires only
Special Fire Fighting Procedure	None
Unusual Fire or Explosion Hazard	None
Flammable Limits	None
Auto Ignition Temperature	None
Conditions of Flammability	None

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

Section 7: Handling and Storage

Store in original containers. Keep out of reach of children and pets. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Avoid freezing and heat. Follow use directions given on the label. Keep container tightly closed.

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	Colorless/ light yellow
Odor	Scent Free	Odor Threshold	Not apply
pH	8 – 9.5 direct	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	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	Direct Sunlight, Freezing, Heat
Incompatibilities	None
Decomposition	Will not decompose under normal conditions

Section 11: Toxicological Information**Routes of Exposure****Symptoms Summary**

Acute toxicity:	<p>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.</p> <p>Sodium Citrate; May be harmful if swallowed or ingested, avoid contact with eyes. May cause skin irritation.</p> <p>Sodium Oleate: MILD TO MODERATE TOXICITY: The most common effects are skin, mucosal and eye irritation. Vomiting and diarrhea may occur but are usually self-limited. Hazardous Chemical Data. Volume II. Washington, 1984-5.] **PEER REVIEWED**</p> <p>Sodium lauryl sulfate appears to be safe in formulations designed for discontinuous, brief use followed by thorough rinsing from the surface of the skin. Source: J Am Coll Toxicol Vol:2, 7 (1983) pp 127-81</p>
Skin Contact	No problems reported
Skin Absorption	Unlikely
Eye Contact	Will cause irritation or redness

SDS SPROUTS FM LIQUID LAUNDRY FREE AND CLEAR

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 Synergistic Product:	None

Section 12: Ecological Information

General Ecological information:

Laureth-7 products starting from natural source are very quickly and easily degradable with degradability over 90% according to OECD test.

Sodium Citrate Degrades by 98% within 24 hours.

Sodium Oleate Several tests concerning biodegradation are available. All tests showed that fatty acids and lipids are readily biodegradable. Fatty acid toxicity increases with increasing carbon chain length. Considering this fact that soaps are almost completely removed from wastewater the exposure via drinking water is expected to be insignificant. Hera Project page 31

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.

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}