

Safety Data Sheet

Section 1: Product and Company Identification

Product Name: **365 SOIL AND STAIN REMOVER HE PREWASH**

Product Use: Liquid detergent for prewash treatment of laundry.

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

USA or CANADA: Call CHEMTREC: 1-800-424-9300

Section 2: Hazards Identification

Eye irritant  Data from Toxnet
Mild Skin irritant

Section 3: Hazardous Ingredients

Ingredient	LD ₅₀	LC ₅₀	CAS #	Range %
Laureth 7	>2000 mg/kg	No data	68551-12-2	10 - 20
Sodium Lauryl Sulfate	1288 mg/kg	No Data	151-21-3	1 – 10
Propylene Glycol	20000 mg/kg	No Data	57-55-6	1 – 10
Sodium Oleate	>2000 mg/kg	No Data	143-19-1	1 – 10
Sodium Borate	3493 mg/kg	No Data	1303-96-4	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 cool water for fifteen minutes. If discomfort continues, obtain medical attention.

Skin Contact: Wash with water and rinse well.

Inhalation: If inhaled, remove to fresh air.

Section 5: Fire Fighting Measures

Flash Point °C: None

Extinguishing Media: Water fog, foam, carbon dioxide, dry chemical powder, 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

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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
Odor: None specific
pH: 9.5 – 11
Solubility in Water: Soluble
Flash Point: Not apply
Boiling Point: 100 °C
Lower Flammability: None
Auto- Ignition Temp: None
Viscosity @20°C: 300 – 400
Partition Coefficient: >1
Appearance: Clear
Odor Threshold: Not apply
Specific Gravity: 1.03 – 1.05 g/ml
Freezing/Melting °C: 0°C
Vapor Pressure: No Data
Evaporation Rate: Similar to water
Upper Flammability: Not apply
Decomposition temp: Not apply
Vapor Density: No Data

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: **Sodium lauryl sulfate** appears to be safe in formulations designed for discontinuous, brief use followed by rinsing from the surface of the skin. Source: J Am Coll Toxicol Vol:2, 7 (1983) pp 127-81
Acute toxicity: **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.

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Acute toxicity: **Propylene Glycol** Contact with the eye has not caused any eye irritation in humans. Based on the available data the critical effects of propylene glycol appear to be a mild skin irritation.

Acute toxicity: **Sodium Oleate** Fatty acid salts are of low acute toxicity. Their skin and eye irritation potential are chain length dependent and decreases with increasing chain length - they are poorly absorbed through the skin nor are they skin sensitizers. <http://datasheets.scbt.com/sc-215879.pdf>

Acute toxicity: **Sodium Borate** May cause irritation. May cause eye and skin irritation. May cause respiratory and digestive tract irritation. May cause adverse reproductive effects based upon animal studies.

Acute toxicity: **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

Skin Absorption: Unlikely

Eye Contact: May cause minor irritation

Inhalation Acute: Unlikely

Inhalation Chronic: Unlikely

Ingestion: Unlikely

Irritancy: Possible minor eye irritant

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 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.

Propylene Glycol Propylene glycol is readily biodegradable, which suggests the chemical will be rapidly and completely removed from water and soil environments, including biological wastewater treatment plants.

Sodium Borate: In every instance, the ratio is less than 1, suggesting no significant environmental risks are apparent from the borates used in liquid laundry and dishwashing products. Hera project page 37

Sodium Carbonate. The products of degradation are less toxic than the product itself. Environmental impact is due to the alkalinity of sodium carbonate in water. Avoid letting large undiluted quantities into water supply. Sodium Carbonate shows a low risk for the environment.

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

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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. PSC Ltd