

Safety Data Sheet

Section 1: Product and Company Identification

Product Name: **365 Concentrated Powder Laundry Detergent Unscented**

Product Use: General Purpose Laundry Powder

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

Moderate eye irritant Data from Toxnet

Moderate skin irritant

Section 3: Hazardous Ingredients

Ingredient	LD ₅₀	LC ₅₀	CAS #	Range %
Sodium Carbonate	4090 mg/kg	No data	497-19-8	45 – 55
Lauryl Alcohol Ethoxylate	>2000mg/kg	No Data	68551-12-2	5 - 10
Sodium Metasilicate	1152-1349 mg/kg	No Data	10213-79-3	5 - 10
Soap Powder	10000mg/kg	No Data	61789-31-9	Less than 5

Section 4: First Aid Measures

Ingestion: If swallowed give plenty of clean water to drink. Do not induce vomiting. Obtain Medical Advice. Never give anything by mouth to an unconscious or convulsing person.

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 soap and water and rinse well. If irritation persist obtain medical attention.

Inhalation: If inhaled, remove to fresh air.

Section 5: Fire Fighting Measures

Flash Point °C: None

Extinguishing Media: Use Flooding quantities of water, water spray or fog. DO NOT use: dry chemicals, CO2.

Special Fire Fighting Procedure: None

Unusual Fire or Explosion Hazard: None

Flammable Limits: None

Auto Ignition Temperature: None

Conditions of Flammability: None

365 2 x Concentrated Powder Laundry Detergent Unscented

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 dust

Section 9: Physical and Chemical Properties

Physical State: Granulated powder

Odor: Odorless

pH: 10.5 – 12.5

Solubility in Water: Soluble

Flash Point: Not apply

Boiling Point: Not apply

Lower Flammability: None

Auto- Ignition Temp: None

Viscosity @20°C: None

Partition Coefficient: >1

Appearance: White powder

Odor Threshold: Not apply

Bulk Density: 900 - 1100 g/L

Freezing/Melting °C: Not apply

Vapor Pressure: No Data

Evaporation Rate: Not apply

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: Direct sunlight, freezing, moisture.

Incompatibilities: Incompatible with acids.

Decomposition: Will not decompose under normal conditions.

Section 11: Toxicological Information

Routes of Exposure

Symptoms Summary

Acute toxicity: **Lauryl Alcohol Ethoxylate** 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.

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

365 2 x Concentrated Powder Laundry Detergent Unscented

alkaline properties, an irritation of the respiratory tract is also possible. However, reversible eye and respiratory tract irritation is noted. Document Number: RISKLINE/2006100027

Acute toxicity: **Sodium Metasilicate** is a GRAS food ingredient. Sodium Metasilicate/carbonate detergent (37% Sodium Metasilicate) mixed 50/50 with water was considered a severe skin irritant when tested on the intact and abraded human skin.

Acute toxicity: **Soap Powder** Slightly toxic. Probable oral lethal does (Human) 5 – 15g/kg between 1 pint and 1 qt for 0 kg person.

Skin Contact: Contact with wet powder may cause skin irritation

Skin Absorption: Unlikely

Eye Contact: May cause irritation or redness

Inhalation Acute: Unlikely

Inhalation Chronic: Unlikely

Ingestion: Unlikely

Irritancy: May cause local irritation and is a classified irritant

Effects of Acute Exposure: Repeated wet contact may dry the skin

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:

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

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

Sodium Sulfate Not mutagenic, may persist in the environment but is not bioaccumulate. A relatively common mineral that occurs in nature. The product itself and its products of degradation are not toxic.

Sodium Metasilicate Material is not persistent in aquatic systems but can be dangerous because of the large pH change it causes. Does not bioaccumulate.

Pure Soap Don't let large undiluted quantities into the environment.

Section 13: Disposal Considerations

Waste disposal of the product;

Containerize minor spills for reuse where possible.

Contaminated product should be labeled and stored for disposal.

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