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

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>LD₅₀</th>
<th>LC₅₀</th>
<th>CAS #</th>
<th>Range %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium Carbonate</td>
<td>4090 mg/kg</td>
<td>No data</td>
<td>497-19-8</td>
<td>45 – 55</td>
</tr>
<tr>
<td>Lauryl Alcohol Ethoxylate</td>
<td>&gt;2000mg/kg</td>
<td>No Data</td>
<td>68551-12-2</td>
<td>5 - 10</td>
</tr>
<tr>
<td>Sodium Metasilicate</td>
<td>1152-1349 mg/kg</td>
<td>No Data</td>
<td>10213-79-3</td>
<td>5 - 10</td>
</tr>
<tr>
<td>Soap Powder</td>
<td>10000mg/kg</td>
<td>No Data</td>
<td>61789-31-9</td>
<td>Less than 5</td>
</tr>
</tbody>
</table>

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
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 ºC: 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
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