Safety Data Sheet

Section 1: Product and Company Identification
Product Name: 365 Laundry Detergent packs White Flower
Product Use: Powder in water soluble packs for machine 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, Skin Irritant Data from Toxnet

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>50 - 60</td>
</tr>
<tr>
<td>Sodium Metasilicate</td>
<td>1152-1349 mg/kg</td>
<td>No Data</td>
<td>10213-79-3</td>
<td>1 – 10</td>
</tr>
<tr>
<td>Sodium carbonate peroxide</td>
<td>1900-3000 mg/kg</td>
<td>No Data</td>
<td>15630-89-4</td>
<td>1 – 10</td>
</tr>
<tr>
<td>Laureth 7</td>
<td>&gt;2000mg/kg</td>
<td>No data</td>
<td>68551-12-2</td>
<td>1 - 10</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.
Special Fire Fighting Procedure: Keep container tightly closed.
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:
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: Granular powder
Odor: White Flower
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 granules
Odor Threshold: Not apply
Bulk Density: 900 – 1100 g/L
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: Direct Sunlight, Freezing, Heat.
In compatibilities: Do not mix with acids.
Decomposition: Will not decompose under normal conditions.

Section 11: Toxicological Information
Routes of Exposure
Symptoms Summary
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.
Sodium Metasilicate is a GRAS food ingredient. The acute oral LD50 of Sodium Metasilicate ranged from 847 mg/kg in male rats to 1349.3 mg/kg in female rats. 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.
**Sodium Carbonate Peroxide:** Only one out of 26 volunteers (4%) was considered to have demonstrated a "positive" skin irritant reaction. No component of this product presents at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC. Eye Irritation: aqueous solution was considered not irritant while the powder was considered a severe eye irritant. http://www.inchem.org/pages/sids.html "**PEER REVIEWED**".

**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.

**Skin Absorption:** Unlikely

**Eye Contact:** May cause irritation or redness

**Inhalation Acute:** Unlikely

**Inhalation Chronic:** Unlikely

**Ingestion:** Unlikely

**Irritancy:** Eye and skin 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

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**Section 12: Ecological Information**

**General Ecological information:**

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

**Sodium Carbonate Peroxide** the observed aquatic toxicity from sodium percarbonate is due to the formation of hydrogen peroxide when dissolved. The peroxide oxidizes and becomes water and oxygen, thus sodium percarbonate has no adverse effects on aquatic ecosystems. [Found on Hera Project].

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

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**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.

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**Section 14: Transport Information**

**General Information:**

Not regulated according Canada Transport of Dangerous Goods.

Not regulated according to USA Department of Transportation.

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**Section 15: Regulatory Information**

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

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**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