

# 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

Ingredient	LD <sub>50</sub>	LC <sub>50</sub>	CAS #	Range %
Sodium Carbonate	4090 mg/kg	No Data	497-19-8	50 - 60
Sodium Metasilicate	1152-1349 mg/kg	No Data	10213-79-3	1 – 10
Sodium carbonate peroxide	1900-3000 mg/kg	No Data	15630-89-4	1 – 10
Laureth 7	>2000mg/kg	No data	68551-12-2	1 - 10

## 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

## SDS 365 DETERGENT PACKS WHITE FLOWER

### **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.  
Incompatibilities: 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.

## SDS 365 DETERGENT PACKS WHITE FLOWER

**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

### **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.

### **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