

# Safety Data Sheet

## Section 1: Product and Company Identification

Product Name: **SPROUTS AUTO DISH PODS**

Product Use: Auto Machine Dish Washing

### 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: April, 2018**

**Expires: April, 2021**

### Emergency Phone Numbers

Canada – CANUTEC

1-613-996-6666 OR \*666 Cell Phone

USA or CANADA: Call CHEMTREC

1-800-424-9300

## Section 2: Hazards Identification

Irritant

Data from Toxnet

## Section 3: Hazardous Ingredients

INGREDIENT	LD <sub>50</sub>	LC <sub>50</sub>	CAS#	RANGE %
Citric Acid	3000-12000 mg/kg	No data	77-92-9	10 – 20
Sodium Carbonate	4090mg/kg	No Data	497-19-8	10 – 20
Sodium Metasilicate	1152 – 1349 mg/kg	No Data	10213-79-3	1 – 10
Sodium Percarbonate	2400mg/kg	No Data	15630-89-4	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 warm water for fifteen minutes. If discomfort continues, obtain medical attention

## Section 5: Fire Fighting Measures

Flash Point °C	None
Extinguishing Media	Water fog, foam, carbon dioxide, 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

## 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, prevent inhalation of dusts.
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	Granulated powder	Appearance	White granules
Odor	Odorless	Odor Threshold	Not apply
pH	7 - 10	Bulk Density	1000 - 1200 g/L
Solubility in Water	Soluble	Freezing/Melting °C	Not apply
Flash Point	Not apply	Vapor Pressure	No Data
Boiling Point	Not apply	Evaporation Rate	Not apply
Lower Flammability	None	Upper Flammability	Not apply
Auto- Ignition Temp	None	Decomposition temp	Not apply
Viscosity @20°C	None	Vapor Density	No Data
Partition Coefficient	>1		

### 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	Avoid contact with alkaline substances
Decomposition	Will not decompose under normal conditions

### Section 11: Toxicological Information

#### Routes of Exposure

#### Symptoms Summary

Acute toxicity:

**Citric Acid** is not suspected of being a carcinogen nor a reprotoxic or teratogenic agent. In addition, the sensitizing potential is seen as low. In contrast, irritation, in particular of the eyes but also of the respiratory pathways and the skin, is the major toxicological hazard presented by citric acid.

**Sodium Carbonate.** Sodium carbonate has no or a low skin irritation potential, but it is considered irritating to the eyes. Due to the alkaline properties, an irritation of the respiratory tract is also possible.

**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 percarbonate** 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

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powder was considered a severe eye irritant. <http://www.inchem.org/pages/sids.html> \*\*PEER REVIEWED\*\*

Skin Contact	None reported
Skin Absorption	Unlikely
Eye Contact	May cause irritation or redness - irritant
Inhalation Acute	Unlikely
Inhalation Chronic	Unlikely
Ingestion	Unlikely
Irritancy	Classified as an irritant by WHMIS criteria
Effects of Acute Exposure	Repeated 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	None
Synergistic Product:	

### Section 12: Ecological Information

General Ecological information:

**Citric Acid** Based on the available data, citric acid is not judged a substance that presents a hazard to the environment.

**Sodium Carbonate** The products of degradation are less toxic than the product itself.

**Sodium Percarbonate** 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]

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

### 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