

Safety Data Sheet

Section 1: Product and Company Identification

Product Name: **365 AUTOMATIC DISH DETERGENT UNSCENTED PACKS**

Product Use: 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: 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 and skin irritant 

Data from Toxnet/SDS

Section 3: Hazardous Ingredients

Ingredient	LD ₅₀	LC ₅₀	CAS #	Range %
Citric Acid	3000 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 Carbonate peroxide	1900-3000mg/kg	No Data	15630-89-4	1 – 10
Sodium sulphate	5989 mg/kg	No Data	7757-82-6	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 water and rinse well

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: Keep container tightly closed.

Unusual Fire or Explosion Hazard: None

Flammable Limits: None

Auto Ignition Temperature: None

Conditions of Flammability: None

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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, 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
Odor: Unscented
pH: 7 – 10 @ 3.1% solution
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 in pods
Odor Threshold: Not apply
Bulk density: 1000 – 1200 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: None specific.
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.
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).
Acute toxicity: **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.

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Acute toxicity: **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.

Acute toxicity: **Sodium Sulfate**: Hazardous in case of eye contact (irritant). Slightly hazardous in case of skin contact (irritant), of ingestion, of inhalation.

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 Synergistic Product: None

Section 12: Ecological Information

General Ecological information:

This formulation is not expected to bio-accumulate. Due to its water solubility, it will not remain in soil or sludge in the presence of mobile water.

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