



Savons Prolav inc.

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SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

Trade name: **BIO-VERT AUTOMATIC DISHWASHING TABS
ALL-IN-ONE**

Material uses: Detergent for automatic dishwashing

Transport: This product is not TDG regulated

Manufacturer: Savons Prolav Inc.

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Laval H7C 2N8
QUEBEC - Canada

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Internet: www.bio-vert.ca

Emergency: CANUTEC 1-613-996-6666 / Quebec poison control center: **1 800 463 5060**

2. – HAZARDS IDENTIFICATION

HMIS :

Health hazards: **1**

Flammability: **0**

Reactivity: **0**

Personal protection: **0**

Classification: this product is not classified as dangerous according to GHS

Precautionary Statements:

Irritant. May cause skin and eye irritation

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight,%
Sodium Percarbonate	156-89-4	5-15

4. FIRST AID MEASURES

Eye Contact: Hold eye open and rinse slowly and gently with water for 15-20 minutes. If present remove contact lenses after the first 5 minutes of rinsing, then continue rinsing eye. Call a poison control center or doctor for further advice..

Inhalation: Move to fresh air. If breathing is affected call a doctor.

Ingestion: Drink a glassful of water. Call a poison center or doctor immediately. Do not induce vomiting unless told to do so by a poison control center or doctor.

Skin Contact: Rinse skin with plenty of water. If irritation persists call a doctor.

5. FIRE-FIGHTING MEASURES

Fire Hazards/conditions of flammability : not flammable by WHMIS criteria

Specific hazards arising from the product : no further relevant information available

Specific protective equipment and precautions for fire-fighters :

As in any fire, wear full protective clothing including self contained breathing apparatus.

Hazardous combustion products : may include and are not limited to: oxides of carbon and sodium.

Suitable Extinguishing Media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media : N/A

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures :

Wear recommended protective equipment(s). Keep unprotected persons away.

Environmental precautions : No special measures required

Methods and material for containment and cleaning up:

Contain spill to prevent contamination of drains/waterways. Vacuum or sweep up material avoiding dust generation. Respirator protection may be required if dust is present and ventilation is inadequate. Collect and seal in properly labelled containers for disposal in accordance with local regulations.

7. HANDLING AND STORAGE

Precautions for safe handling and storage: Store in original containers in a cool, dry, well ventilated area. Keep container tightly sealed. Protect from moisture and water.

Storage requirements : keep out of reach of children

Storage temperature: 15°-30°C. Do not freeze. Avoid high temperature

Specific end use(s) : no further relevant information available.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

Exposure Standards: No exposure standard applies for the product.

Personal protective equipment:

Clothing: Generally not required. Wear suitable gloves for prolonged contact. Avoid contact with the skin and eyes.

Respiratory: Generally not required.

Industrial conditions: If dust is generated, the wearing of a dust mask/respirator is recommended.

Other : Always wash hands before smoking, eating, drinking or using the toilet.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form : White to slight yellow compressed powder.

Odour : Fragrance free.

pH (10% in water): 10.8-11.0

Solvent content(VOC content): N/D.

Vapor density : N/D.

Evaporation rate: N/D.

Water solubility: completely soluble in water.

Flammability: N/A.

Ignition temperature : N/D.

Flash point : N/D.

10. STABILITY AND REACTIVITY

Reactivity : not determined

Chemical stability : the product is stable.

Thermal decomposition/conditions to be avoided: no decomposition if used according to specifications

Possibility of hazardous reactions : no dangerous reactions known.

Conditions to avoid: avoid freezing and extreme heat conditions

Incompatible materials: no further relevant information available

Hazardous decomposition products: in case of decomposition : carbon monoxide, carbon dioxide and sodium oxides.

11. TOXICOLOGICAL INFORMATION.

Potential health effects:

Acute :

Oral LD50 (rat): 1034 mg/kg for Sodium Percarbonate., cas no :156-89-4

Dermal LD50 (rabbit) > 2000 mg/kg for Sodium Percarbonate, cas no :156-89-4

Symptoms related to the physical, chemical and toxicological characteristics:

If on the skin: may cause irritation by prolonged contact with skin.

If on the eye : irritating effect.

After ingestion: may cause irritation of the gastrointestinal tract, nausea, vomiting and headache.

Sensitization to material: non-hazardous by WHMIS criteria

Chronic:

Chronic effects: non-hazardous by WHMIS criteria.

Carcinogenicity : non-hazardous by WHMIS criteria.

Mutagenicity : non-hazardous by WHMIS criteria.

Teratogenicity: non-hazardous by WHMIS criteria.

12. ECOLOGICAL INFORMATION

Persistence and degradability: the surfactants and organic compound contained in the product are readily biodegradable according to the OECD 301 guideline.

Bioaccumulative potential : does not accumulate in organisms

Mobility in soil : not determined

Acute aquatic toxicity: no information available

Other adverse effects : no further relevant information available

13. DISPOSAL CONSIDERATION

Waste Disposal :

Landfill or flush small quantities to sanitary sewers, if permitted by local regulations.

Do not dispose of in the household garbage. Dispose of by incineration or burial in an approved landfill in accordance with local regulations

14. TRANSPORT INFORMATION

General information :

Not hazardous according to RID , ADR,ADNR, IMDG, IATA-DGR, CFR and TDG.

15. REGULATORY INFORMATION

This product has been classified in accordance with the hazard criteria of the Control Products Regulation (CPR), and the SDS contains all the information required by the CPR

DSL Inventory status: all of its components are currently listed on DSL, as described by Canadian Environmental Protection Act.

SARA 313 Toxic Chemicals: None

CERCLA Hazardous Chemicals: None

WHMIS Hazard Class: None

GHS and EU Directive 1999/45 /EC: Not classified

TSCA 12(b) Components: None

SARA 302 Extremely Hazardous Substance: None

California Proposition 65: None

16. OTHER INFORMATIONS

This SDS summarises to our best knowledge the health and safety hazard information for the product and general guidance on how to safely handle the product in the workplace. Each user must, prior to usage, assess and control the risks arising from its use of the product in the workplace, including in conjunction with other products. This information is presented in good faith and is based on current data considered to be correct to the best of our knowledge.

Prepared by : SAVONS PROLAV INC.

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Legend : N/A : Not Applicable, N/D : Not Determined