



MATERIAL SAFETY DATA SHEET

SECTION I - PRODUCT IDENTIFICATION

Product Name: SILVER POWER (923375)
Product Use: Presoak
WHMIS Class: Class D – Division 2A, 2B
TDG Classification: Not Regulated
Manufacturer/Supplier: Ecolab Ltd.
Address: 5105 Tomken Road
 Mississauga, ON, L4W 2X5
Telephone: (905) 238-0171

Emergency Phone: 1-800-328-0026

SECTION II – HAZARDOUS INGREDIENTS

<u>Ingredients</u>	<u>CAS#</u>	<u>Wt%</u>	<u>ACGIH-TLV</u>	<u>LC₅₀</u>	<u>LD₅₀</u>
Sodium carbonate	497-18-8	10 - 30	10 mg/m ³ TWA	1150 mg/m ³ 4 h, rat	4200 mg/kg oral, rat
Alcohols, C12-15, ethoxylated	68131-39-5	1 - 5	Not available	Not available	2000 mg/kg oral, rat
Sodium tripolyphosphate	7758-29-4	15 - 40	Not available	Not available	3900 mg/kg oral, rat
Subtilisin protease enzyme	9014-01-1	0.1 - 1	6x10 ⁵ mg/m ³ Ceiling	Not available	2000 mg/kg oral, rat

SECTION III - PHYSICAL DATA

Boiling Point (°C): Not applicable
Vapour Pressure (mm Hg): Not applicable
Vapour Density (Air = 1): Not applicable
Solubility in Water: Not available
Physical State: Solid
Appearance; Odour: Light blue; citrus

Specific Gravity (H₂O = 1): Not available
% Volatile (Wt %): Not available
Evaporation Rate (Ether = 1): Not applicable
pH (100%): 8.0 - 12.0
Viscosity: Not available
Odour Threshold (ppm): Not available

SECTION IV - FIRE AND EXPLOSION DATA

Flammability: Not flammable by WHMIS criteria.
Flash Point (°C, TCC): None **LEL:** Not applicable **UEL:** Not applicable
Hazardous Combustion Products: May include and are not limited to oxides of carbon, oxides of phosphorous.
Autoignition Temperature (°C): Not applicable
Means of Extinction: Treat for surrounding material.
Special Fire Hazards: Firefighters should wear self-contained breathing apparatus.

SECTION V - REACTIVITY DATA

Conditions for Chemical Instability: Stable.
Incompatible Materials: Acids, oxidizers.
Reactivity, and Under What Conditions: Do not mix with anything but water.
Hazardous Decomposition Products: May include and are not limited to oxides of carbon, oxides of phosphorous when heated to decomposition.

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SECTION VI - TOXICOLOGICAL PROPERTIES

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Route of Entry: Eye, Skin contact, Inhalation, Ingestion.

EFFECTS OF ACUTE EXPOSURE:

Eye: Causes irritation.

Skin: Causes irritation.

Inhalation: May cause respiratory tract irritation.

Ingestion: May cause stomach distress, nausea or vomiting.

EFFECTS OF CHRONIC EXPOSURE:

Skin: Prolonged or repeated exposure can cause drying, defatting and dermatitis.

Irritancy: Hazardous by WHMIS criteria.

Respiratory Tract Sensitization: Hazardous by WHMIS criteria (Contains Subtilisin protease enzyme).

Carcinogenicity: Non-hazardous by WHMIS criteria.

Teratogenicity, Mutagenicity, Reproductive Effects: No data available.

Synergistic Materials: Not available.

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SECTION VII- PREVENTATIVE MEASURES

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Note: Due to the solid form of this product, no special protection is needed for normal use. The following protection is advisable if prolonged contact with product or its use solution is likely.

Gloves: Impervious gloves. Confirm with reputable supplier first.

Eye Protection: Chemical splash goggles.

Respiratory Protection: Not normally required if good ventilation is maintained.

Other Protective Equipment: As required by employer code.

Engineering Controls: General ventilation normally adequate.

Leak and Spill Procedure: Before attempting clean up, refer to hazard data given above. Use broom or dry vacuum to collect material for proper disposal without raising dust. Rinse area with water. Prevent large spills from entering sewers or waterways. Contact emergency services and supplier for advice.

Waste Disposal: Review federal, provincial, and local government requirements prior to disposal.

Storage and Handling Requirements: Keep out of reach of children. Store in a closed container away from incompatible materials.

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SECTION VIII - FIRST AID

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Eye: Flush with cool water. Remove contact lenses, if applicable, and continue flushing. Seek medical attention if irritation persists.

Skin: Brush away excess of dry material. Flush with water. Seek medical attention if irritation persists.

Inhalation: If symptoms develop move victim to fresh air. If symptoms persist, seek medical attention.

Ingestion: Do not induce vomiting. Rinse mouth with water then drink one or two glasses of water. Seek medical attention, poison control centre, or the Ecolab medical emergency number immediately. Never give anything by mouth if victim is unconscious, is rapidly losing consciousness or is convulsing. FOR EMERGENCY MEDICAL INFORMATION IN USA OR CANADA, CALL 1-800-328-0026. FOR EMERGENCY MEDICAL INFORMATION WORLDWIDE, CALL 1-651-222-5352(USA).

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SECTION IX - PREPARATION INFORMATION

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Date: 2001/05/15

MSDS Prepared by: Technical Service

Telephone: (905) 238-0171

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Disclaimer

Information for this material safety data sheet was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of the supplier, it is assumed that users of this material have been fully trained according to the mandatory requirements of WHMIS. No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries or consequential damages which may result from the use of or reliance on any information contained in this form. If user requires independent information on ingredients in this or any other material, we recommend contact with the Canadian Centre for Occupational Health and Safety (CCOHS) in Hamilton, Ontario (1-905-572-4400) or CSST in Montreal, Quebec (514-873-3990).