



Alouette Ware Wash Chemicals Inc.

#2130 - 1850 Savage Road, RICHMOND, BC Tel: 604.233.7722

24 HOUR NUMBER: CANUTEC 613-996-6666

MSDS

Material Safety Data Sheet - Silver Pre-Soak

Date: 2015.05.11

PRODUCT NAME: **SILVER PRE-SOAK NON-CHLORINATED**
PRODUCT USE: PRE-SOAKING DETERGENT FOR SILVER WARE
WHMIS CLASSIFICATION: D2B
TDG CLASSIFICATION: Not Regulated

| HAZARDOUS INGREDIENTS | %WT/WT | CAS NO. | TOXICITY DATA (LD ₅₀ & LC ₅₀) |
|-----------------------|--------|------------|--|
| Sodium Carbonate | 60-100 | 497-19-8 | LD ₅₀ Oral (rat) 2800 mg/kg ACGIH TLV - 10 mg/m ³ |
| Trisodium Phosphate | 10-30 | 10101-89-0 | LD ₅₀ Oral (rat) 6.5 gm/kg LD ₅₀ Dermal (rabbit) >300 mg/kg |

PHYSICAL DATA FOR PRODUCT

Physical State: Solid
Boiling Point: N/A
Vapour Density: N/A
Freezing Point: N/A
Solubility in Water: 10 %
Appearance & Odour: Blue granular powder with no odour.

Sp. Gravity: Not Avail.
Vapour Pressure: N/A
Evaporation Rate: N/A

pH: 1% sol. 11.3

FIRE AND EXPLOSION DATA FOR PRODUCT

Flash Point (Test Method): N/A
Flammable Limits in Air, % by vol. Non-flammable Lower: N/A Upper: N/A
Fire Extinguishing Substances: (X) Water Fog () Foam () CO₂ () Dry Chem () Other:

Hazardous Combustion Products: See Hazardous Decomposition Products.
Special Firefighting Procedures: N/A

REACTIVITY DATA FOR PRODUCT

Incompatibility: () Water () Oxidizing Material (X) Acid () Base
(X) Other: Flammable hydrogen may be produced on prolonged contact with metals such as aluminum, tin, lead and zinc.

Hazardous Decomposition Products: May liberate carbon oxides, phosphorous oxides and oxides of sodium during combustion.

Chemical Stability: Stable under normal conditions.

*N/A - Not applicable.

HEALTH HAZARD INFORMATION FOR PRODUCT

EMERGENCY and FIRST AID PROCEDURES

Inhalation: Move to fresh air and get medical attention.
Ingestion: Get medical help immediately. Give patient large quantities of water or milk to drink to dilute the chemical. Do not induce vomiting.
Eyes: Flush thoroughly with water for at least 15 minutes. Get medical attention.
Skin: Remove contaminated clothing immediately and flush with water.



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EFFECTS OF OVEREXPOSURE (Acute and Chronic)

- Inhalation: May cause irritation of respiratory tract, inflammation of the lungs.
Ingestion: Burning in mouth and esophagus, nausea, abdominal pain and diarrhea.
Eyes: Causes irritation to the mucous membranes of the eyes.
Skin: Will cause irritation. May cause burns, dermatitis.

PREVENTIVE MEASURES

Steps to be taken upon release or spillage (including neutralizing):

Sweep, scoop or vacuum discharged material. Flush residue. Observe environmental regulations.

Waste disposal method:

Neutralize with dilute acid and landfill solids according to local, provincial and federal regulations.

Handling and Storage Requirements:

Store in cool, dry area away from acids. Prolonged storage may cause product to cake and become wet from atmospheric moisture.

Ventilation Requirements (Local or General):

Use with adequate ventilation.

Respiratory Protection:

A mask should be worn where dust occurs.

Eye Protection:

Safety glasses with sideshield.

Other Protection:

Rubber gloves and long sleeved shirt should be worn.

Prepared by Alouette Ware Wash Chemicals Inc. based on supplier's MSDS.

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