

Supplied By:



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Material Safety Data Sheet

This document is prepared pursuant to the OSHA Hazard Communication Standard (29 CFR 1910.1200)

EMERGENCY PHONE:
1-800-535-5053

Section 1: Product Identification

Product Name: SILVER SPARKLE
Product Number: K403
Product Use: Powdered enzyme presoak for flatware
DOT Shipping Name: None Required

Section 2: Hazardous Ingredient Information

Hazard Chemical Identity

	CAS No.	ACGIHTLV
Sodium Carbonate	497-19-8	N.A.
Proteinase	9073-77-2	2.6 mg/m3

This product does contain toxic chemicals subject to the reporting requirements of section 313 of the emergency planning and community right-to-know act of 1988

Section 3: Physical Data

Color: Blue **Odor:** Mild **Physical State:** Powder
Solubility in Water: Complete **Boiling Point:** N.A.
Vapor Pressure: N.A. **Specific Gravity:** N.A.
Vapor Density in Air (Air=1): N.A.
% Volatile, By Volume: None
Evaporation Rate: N.A.

Section 4: Fire and Explosion Hazard Data

Flash Point (Method Used): None
Conditions to Avoid: N.A.
Extinguishing Media: N.A.
Unusual Fire and Explosion Hazards: Firefighters should wear self-contained positive breathing apparatus, and avoid skin contact.

Section 5: Reactivity Data

Chemical Stability: Stable
Conditions to Avoid: N.A.
Incompatibility (Materials to avoid): May react vigorously when neutralized with concentrated acids. Keep away from aluminum powder, fluorine, phosphorus pentoxide, concentrated sulfuric acid, ammoniacal silver nitrate and molten lithium.
Hazardous Decomposition Products: Carbon Dioxide.
Hazardous Polymerization: Will not occur

Section 6: Toxicological Properties

Exposure Limits:

Sodium Carbonate	Nuisance particulates
PELTWA	TLVTWA
8hr 5 mg/m3 OSHA	8hr 10mg/m3 ACGIH

Medical Conditions Aggravated by Exposure: Eye or skin and breathing or respiratory disorders will be aggravated by exposure to this product.

Acute Toxicity:

Eyes: Particles in the eye may cause severe irritation and damage to the tissue.

Skin: Prolonged skin contact may have a dehydrating effects and cause allergic reaction for some people. Repeated contact may cause redness and dry cracked skin. Minor irritation may occur on abraded skin.

Ingestion: Swallowing may cause immediate irritation and possible damage to tissue of mouth and gastrointestinal tract. Ingestion of large quantities may cause vomiting, diarrhea, circulatory collapse and death.

Inhalation: Inhalation of dust may cause nasal irritation and sneezing.

Chronic Toxicity: Chronic skin contact may cause sensitization. This product does not contain any materials listed on the IARC, OSHA, or NPT carcinogen lists.

Section 7: Preventative & Control Measures

Respiratory Protection: Generally not required.

Ventilation: General exhaust acceptable

Skin Protection: Wear neoprene, PVC, or rubber gloves.

Eye Protection: Wear safety glasses or splashproof chemical goggles.

Hygiene: Avoid contact with skin. Do not eat, drink or smoke in work area. Wash hands prior to eating, drinking, or using restroom. Any protective clothing which becomes contaminated should be thoroughly cleaned before reuse.

Other Control Measures: Safety shower and eye wash should be located in work area.

STEPS TO BE TAKEN IF MATERIAL IS SPILLED OR RELEASED:

Product should be contained and recovered into containers. Clean up personnel should follow all safety precautions during clean up.

Waste Disposal: Dispose of in accordance with all local, state and federal regulations.

Section 8: Emergency First Aid Procedures

First Aid Notes to Physician:

Eyes: Wash eyes immediately with large amounts of water (preferably eye wash fountain), lifting the upper and lower eyelids and rotating eyeball. Continue washing for a minimum of 15 minutes.

Get medical attention immediately.

Skin: Wash off with soap and water.

Ingestion: Do not give liquids if victim is unconscious or very drowsy. Otherwise, give large quantities of water to dilute product. Do NOT induce vomiting. If vomiting occurs keep head below hips.

Get immediate medical attention.

Inhalation: Move person to fresh air. If breathing stops, administer artificial respiration. **Get medical attention immediately.**

Section 9: Storage and Handling Precautions

Store in closed, properly labeled containers.

DO NOT remove or deface labels.

Use of this product should be limited to properly trained individuals.

Section 10: Precautionary Information

May cause eye irritation. May cause skin irritation upon prolonged or repeated contact. Ingestion may cause irritation of the mouth, throat, esophagus and stomach.

Section 11: Preparation Information

Prepared By: Regulatory Affairs Department

Phone: 812-336-4817

Date of Preparation: July, 2004

The above information is believed to be accurate with respect to the formula used to manufacture this product. As data, standards and regulations change and conditions of use and handling are beyond our control. **NO WARRANTY** expressed or implied is made as to the completeness of continuing of this information.

Silver Sparkle

Technical Data Sheet



**Powdered
Silverware
Presoak**



**Enzyme
Activated**

**Safe,
Convenient
and
Easy to
Use**

**Penetrates
Soils
Quickly**

Product Description

Silver Sparkle is a high quality utensil presoaking detergent. It removes tough soils from flatware and improves silverware appearance. Bulk packaged for economy. The detergent action of **Silver Sparkle** softens and loosens food soils. The electrolytic action also safely removes tarnish from silver.

Use Directions

Presoaking-Use 1-2 ounces depending on the amount of soil per gallon of warm water until solution turns an aqua blue color. Remove excessive soil from utensils before submerging in presoak solution. Soak until soil is softened. Wash utensils in normal manner. Change solution when it becomes soil laden.

Detarnishing-Use same dilution as above. Submerge aluminum foil in presoak solution. Place the silverware to be detarnished in contact with aluminum foil. Soak for at least 5 minutes. Wash immediately.

****Do NOT use aluminum foil with stainless steel.****

Areas of Use

For institutional warewash of flatware and utensils.

Safety Precautions

Caution! May cause severe eye irritation, irritation to skin with prolonged contact. Harmful if swallowed. Read product label and MSDS for complete list of hazards and safety precautions. Keep out of the reach of children.

Shipping Classification

None Required

Packaging

15 Lb Container

Properties

FORM:	Blue powder with mild odor.
SOLUBILITY:	Complete
PRIMARY HAZARD	May cause eye and skin irritation.
COMPOSITION:	Sodium carbonate, proteinase