



# Silver Star Flatware Presoak/Detarnisher

## FOOD SERVICE PRODUCTS

**DESCRIPTION:** Brilliant's Silver Star Flatware Presoak/Detarnisher is a high quality flatware presoak. Use Silver Star Flatware Presoak/Detarnisher prior to putting flatware through the dish washing machine or hand washing. It will quickly neutralize food acids while penetrating and softening soils. By soaking with Silver Star Flatware Presoak/Detarnisher, it will save you time and money by making your wash cycle much more effective, thus reducing the need for rewashing.

### DIRECTIONS:

Please note that stainless steel and silver should be soaked separately.

- **For Presoak:** For best results, dilute 2 ounces Silver Star Flatware Presoak/Detarnisher per gallon of warm water. Allow flatware to soak for several minutes until soils have softened.
- **For Detarnishing silver:** Line a plastic pan with aluminum foil. Dilute 3 ounces Silver Star Flatware Presoak/Detarnisher per gallon of warm water in the lined pan. Place silver flatware in contact with foil. Brightness will be restored within seconds!

### PACKAGING:

SIZE  
4/1 gallon case

CATALOG #  
64101704

### PRODUCT SPECIFICATIONS

Appearance:	Clear Liquid
Color:	Light Green
Odor:	Solvent
pH:	>11.50 @ 10% Solution
Specific Gravity	.990-1.020
Viscosity:	<10

ISO 9001:2000 Certified  
Certificate No. 2049



**EAGLE** Registrations Inc.  
SERVICE • INTEGRITY • VALUE

**BRILLIANT PRODUCTS**  
P. O. Box 1425 Avon Park, FL 33826  
Phone: 813-890-6594 Fax: 813-890-2101



**CONTROLLED**

Issue Date: 05/15/08  
Form PB641017B, Rev (D)

**MATERIAL SAFETY DATA SHEET**

Prepared By: Manny Cueto

(Prepared According to 29 CFR 1910.1200)

Effective Date: 08/10/05

**SECTION 1- PRODUCT IDENTIFICATION AND SUPPLIER INFORMATION**

**Product Name:** SILVER STAR FLATWARE PRESOAK/DETARNISHER  
**Generic Name:** Flatware Presoak/Detarnisher  
**Product Group:** Food Service Product

**Manufacturer's Name:** BRILLIANT PRODUCTS  
 P.O. BOX 1425  
 AVON PARK, FL 33826  
**Phone #:** (813)-890-6594

**SECTION 2- INGREDIENT INFORMATION**

CHEMICAL NAME	CAS #	WT %	PEL	TWA-TLV	STEL-TLV
Water	7732-18-5	N.A.	N.A.	N.A.	N.A.
Non-Ionic Surfactant	9016-45-9	N.A.	N.A.	N.A.	N.A.
Potassium Hydroxide	1310-58-3	N.A.	N.A.	N.A.	N.A.

No Components, in excess of 0.1% by weight are listed as carcinogens by IARC, NTP or OSHA

**SECTION 3- PHYSICAL DATA**

**Boiling Point:** 212°F  
**Vapor Pressure mm Hg:** N.A.  
**% Volatile:** N.A.  
**Solubility in Water:** Complete  
**Physical Description:** Clear light green liquid with solvent odor.

**Specific Gravity:** .990 – 1.020  
**pH:** 11.50 - 14 @ 1% solution

**SECTION 4- FIRE AND EXPLOSION HAZARD DATA**

**Flash Point:** N.A.  
**Extinguishing Media:** Dry chemical, foam, CO<sub>2</sub>  
**Special Firefighting Procedures:** N.A.  
**Unusual Fire/Explosion Hazards:** N.A.  
**Upper Explosion Limits:** N.A. **Lower Explosion Limits:** N.A.

**SECTION 5- REACTIVITY DATA**

**Stability:** Stable  
**Incompatibility (Materials to Avoid):** Strong acids and metals not resistant to alkalis.  
**Hazardous Polymerization:** None.  
**Hazard Decomposition Products:** Hydrocarbons, CO, CO<sub>2</sub> in a fire.

**SECTION 6- STORAGE AND HANDLING INFORMATION**

Keep out of reach of children. Keep container closed during storage. Corrosive. Avoid contact with eyes, skin and clothing. Use in well ventilated area. Wear rubber gloves and eye protection when handling.

**SECTION 7- HEALTH HAZARDS AND FIRST AID**

**Effects of Overexposure**  
**Skin:** Skin irritant. May cause moderate reddening, swelling, and possible skin damage.  
**Eyes:** Eye irritant. Liquid and mists may injure the eyes, causing corneal damage.  
**Inhalation:** Vapors may be irritating to mucous membranes in the nose, throat, and lungs.  
**Ingestion:** Irritating and corrosive to the mouth and throat. May cause headache, nausea, abdominal pain, vomiting, and diarrhea. Excessive amounts may cause collapse.  
**First Aid Procedures**  
**Skin:** Remove contaminated clothing. Wash affected areas with soap and water. If irritation persists, seek medical attention.  
**Eyes:** Flush eyes with large quantities of water, holding eyelids open. If irritation persists get medical attention immediately.  
**Inhalation:** Remove to fresh air. If symptoms persist, seek medical attention.  
**Ingestion:** **DO NOT** induce vomiting. Drink large quantities of water. Seek medical attention immediately.

**SECTION 8- SPECIAL PROTECTION INFORMATION**

**Respiratory Protection:** Use in well ventilated area.  
**Ventilation Requirements:** Recommended.  
**Protective Gloves:** Chemical resistant rubber.  
**Eye Protection:** Safety Glasses recommended.  
**Other Protective Equipment:** Nearby eye wash station. Protective outer wear should be worn when danger of splash may occur.

**SECTION 9-SPILL OR LEAK PROCEDURES**

**Cleanup Procedure for Spills:** Floors will become slippery. Avoid walking in product. Keep unessential personnel away. Mop up or otherwise absorb and hold disposal. Avoid discharge to sewer or open waterways.  
**Waste Disposal:** Dispose in accordance with local, state and federal regulations.

**SECTION 10-REGULATORY INFORMATION**

SARA Title III – Section 311/312 – Hazard: (Y/N): Fire: N Sudden Release of Pressure: N Reactivity: N Acute (IMMEDIATE) Health Hazard: Y Chronic (DELAYED) Health Hazard: N Other: N/A	<b>Shipping Information</b> Shipping Name: Compounds,Cleaning Liquid Hazard Class: 8 Reference: N.A. Identification: NA1760 Label: Corrosive	<b>HMIS Hazardous Material</b>	
		<b>Health</b>	<b>1</b>
		<b>Flammability</b>	<b>0</b>
		<b>Reactivity</b>	<b>0</b>
		<b>Personal Protection</b>	<b>C</b>

For **emergency** and **medical** help line, call **INFOTRAC** at **1-800-535-5053**, 24 hours a day, 7 days a week for information on all our products and/or MSDS. Obtain an MSDS at [www.pride-enterprises.org/MSDS/menu.htm](http://www.pride-enterprises.org/MSDS/menu.htm) or call customer service at **(813)-890-6594**.

**SECTION 11- OTHER INFORMATION**

This company cannot anticipate all conditions of handling and use of this product. Therefore, this company accepts No responsibility for results obtained by the application of this information, or the safety and suitability of our products either alone or in combination with other products. It is the responsibility of the user to provide a safe workplace, using the health and safety information contained herein as a guide. This company will accept NO liability for damages or loss incurred from the improper handling and use of this product.