



SOLID CLEANER

FOOD SERVICE PRODUCTS

DESCRIPTION: Brilliant's Solid Cleaner is a 100% active chlorinated detergent for use in automatically dispensed dish machines. Easily delivered through a bowl dispenser to ensure consistent results. This powerful formula efficiently removes all types of food soils and suspends them for completely spot free rinsing. Effective for use on glass, china, and plastic ware. Because of high levels of water conditioners, **Solid Cleaner** will prevent scale accumulation so wash jets, tubing, and fittings operate at peak efficiency. This product contains a small amount of phosphates combined with inorganic alkaline builders.

DIRECTIONS:

- Use only in approved dispenser.
- Remove empty container, rinse, and dispose of in accordance with local, state and federal regulations. Remove cap from new container and place in dispenser. Do not reuse empty containers. Wash hands after handling.
- Consult your Technical Representative with questions and for specific use directions.
- Store in a cool, dry place away from foodstuffs with lid tightly closed.

PACKAGING:

SIZE
4/8 pound case

CATALOG #
64102732

PRODUCT SPECIFICATIONS

Appearance	white solid
Odor	mild chlorine
pH	12.0 – 13.0
Specific Gravity	1.729
Alkalinity Titration	6 – 10
Active Ingredients	100%

BRILLIANT PRODUCTS
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Phone: 863-452-3872 Fax: 863-452-3878

CONTROLLED

Issue Date: 08/10/05
Form PB641027B, Rev (B)

MATERIAL SAFETY DATA SHEET

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(Prepared According to 29 CFR 1910.1200)

Effective Date: 08/10/05

SECTION 1- PRODUCT IDENTIFICATION AND SUPPLIER INFORMATION

Product Name: SOLID CLEANER
Generic Name: Solid Low Suds/High Alkali Detergent
Product Group: Food Service Product

Supplier's Name: Brilliant Products
 P.O. BOX 1425
 AVON PARK, FL 33826

SECTION 2- INGREDIENT INFORMATION

CHEMICAL NAME	CAS #	WT %	PEL	TWA-TLV	STEL- TLV
Sodium Carbonate	497-19-8	10-20	N.A.	10 mg/mm ³	N.A.
Sodium Tripolyphosphate	7758-29-4	10-20	N.A.	N.A.	N.A.
Sodium Hydroxide	1310-73-2	10-20	2 mg/m ³	2 mg/m ²	N.A.
Sodium Silicate	1344-09-8	10-20	N.A.	N.A.	N.A.

SECTION 3- PHYSICAL DATA

Boiling Point: N.A.
Vapor Pressure: N.A.
% Volatile: none
Solubility in Water: complete
Physical Description: White solid, characteristic odor

Specific Gravity: 1.729
Vapor Density (Air=1): >1.1
pH: 12.0-13.0, 10% solution
Evaporation Rate (Water=1): N.A.

SECTION 4- FIRE AND EXPLOSION HAZARD DATA

Flash Point: non-flammable
Extinguishing Media: product will not burn
Special Firefighting Procedures: product is corrosive
Unusual Fire and Explosion Hazards: N.A.
Upper Explosion Limits: N.A.
Lower Explosion Limits: N.A.

SECTION 5- REACTIVITY DATA

Stability: Stable
Hazard Decomposition Products: heat may yield hydrogen gas
Hazardous Polymerization: Will not occur
Incompatibility (Materials to Avoid): Ammonia solutions, strong acids, soft metals

SECTION 6- STORAGE AND HANDLING INFORMATION

Keep container closed when not in use. Protect container from abuse. Protect from extreme temperatures. **CAUTION:** material is corrosive.

SECTION 7- HEALTH HAZARDS AND FIRST AID

Effects of Overexposure
Skin: Corrosive; chemical burns will result from contact; severe irritant.
Eyes: Corrosive; contact is painful and irritating; causes chemical burns.
Inhalation: Corrosive and irritating to upper respiratory tract and mucous membranes.
Ingestion: Corrosive and irritating to digestive tract; may cause gastric distress, stomach pains and vomiting. Harmful or fatal if swallowed.
First Aid Procedures
Skin: Wash contaminated area with soap and water; DO NOT attempt to neutralize with chemical agents; if irritation persists, seek medical attention.
Eyes: Immediately flush for 15 minutes with water; get medical attention immediately.
Inhalation: Remove to fresh air; wash mouth and nasal passages with water; if breathing difficulties persists, seek medical attention.
Ingestion: Drink 3-4 glasses of water, get medical attention immediately.

SECTION 8- SPECIAL PROTECTION INFORMATION

Respiratory Protection: None required.
Ventilation Requirements: Required.
Protective Gloves: Neoprene or rubber.
Eye Protection: Goggles with side shields.
Other Protective Equipment: Safety eye bath nearby.

SECTION 9- SPILL OR LEAK PROCEDURES

Cleanup Procedure for Spills: Small spills – wash to sanitary sewer with plenty of water. Large spills – confine spill with approved absorbent; shovel product into approved container.
Waste Disposal: Follow state and local regulations for disposal of large non-reclaimable spills.

SECTION 10- REGULATORY INFORMATION

SARA Title III – Section 311/312 – Hazard: (Y/N): N
Fire: N
Sudden Release of Pressure: N
Reactivity: Strong acids, soft metals, ammonia solutions
Acute (IMMEDIATE) Health Hazard: Corrosive to skin and eyes; prolonged inhalation may cause ulcers in upper respiratory tract.
Chronic (DELAYED) Health Hazard: None known.
Other: May aggravate pre-existing skin, eye or respiratory conditions with long term exposure.

Shipping Information:
 NAME:
HAZARD CLASS
REFERENCE:
 ID#:
LABEL:

HMIS Hazardous Material Identification System

Health	3
Flammability	0
Reactivity	1
Personal Protection	1

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 or call customer service at (863)-452-3872.

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.