



Solid Chlorinated Dish Detergent

CHLORINATED DISH MACHINE DETERGENT

FOOD SERVICE PRODUCTS

DESCRIPTION: BRILLIANT'S Solid Chlorinated Dish Detergent is a high caustic solid, heavy duty machine warewashing compound. Provides clean ware and sparkling glasses under heavy soil load conditions in hard water when used at normal warewashing concentrations. This product is the most powerful solid dishwashing detergent available anywhere, and gives easy dispensing previously associated only with liquids. This product will deliver sparkling ware with one pass through the dish machine, and can be used in any dish machine for washing all types of china, tableware and glassware. Contains a unique built-in system to aid in the reduction or elimination of iron deposits and lime scale build up.

DIRECTIONS: Do not use on aluminum or other soft metal.

- Recommended range of use concentration: Titrate with Institutional Alkalinity Test Kit. Use range is 0.06%-0.16%, or 6 to 16 drops of 0.25N Acid using a 10 ml sample and 3 drops of Phenolphthalein Indicator. Test alkalinity of incoming water and adjust titrations accordingly. Extreme conditions of operation or water hardness may call for higher concentrations.
- Use only in a solid bowl type detergent dispenser. Do not use in conventional water filled dispensers. Remove detergent container lid, invert container of product and insert or use screw threads to attach dispenser.
- To remove used container, carefully lift or unscrew container from dispenser. Turn container upright to avoid spills. Use lid from new container to seal used container. If product contacts hands, wash immediately

PACKAGING:

SIZE

4/8 pound canisters

CATALOG #

64102232

PRODUCT SPECIFICATIONS

Appearance	solid white block
pH	13.3, 1%
Solubility	controlled and complete
Foaming	none
Wetting	excellent
Water Hardness Tolerance	14 grains per gallon at 0.2% 7 grains per gallon at 0.1%

BRILLIANT PRODUCTS

P. O. Box 1425 Avon Park, FL 33826
Phone: 863-452-3872 Fax: 863-452-3878

CONTROLLED

Issue Date: 08/10/05
Form PB64102232B, Rev (B)

MATERIAL SAFETY DATA SHEET

Prepared By: M. CUETO

(Prepared According to 29 CFR 1910.1200)

Effective Date: 08/10/05

SECTION 1- PRODUCT IDENTIFICATION AND SUPPLIER INFORMATION

Product Name: SOLID CHLORINATED DISH DETERGENT
Generic Name: Low Suds/High Alkali Detergent
Product Group: Food Service Product

Manufacturer's Name: BRILLIANT PRODUCTS
 P.O. BOX 1425
 AVON PARK, FL 33826
Phone #: (863)-452-3872

SECTION 2- INGREDIENT INFORMATION

CHEMICAL NAME	CAS#	WT %	PEL	TWA-TLV	STEL-TLV
Potassium Hydroxide	1310-73-3	<60	2 mg/M ³	N.A.	N.A.

SECTION 3- PHYSICAL DATA

Boiling Point: N.A.
Vapor Pressure: N.A.
pH: 13.3, 1%
Solubility in Water: complete
Physical Description: Solid white block, characteristic odor

Specific Gravity: N.A.
Vapor Density (Air=1): N.A.
Evaporation Rate (Water=1): N.A.

SECTION 4- FIRE AND EXPLOSION HAZARD DATA

Flash Point: N.A.
Extinguishing Media: product will not burn
Special Firefighting Procedures: Product is not normally considered combustible and will not burn or sustain combustion. In extreme heat or fire, toxic gases and corrosive solutions may be generated.
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: none known

Hazardous Polymerization: Will not occur
Incompatibility (Materials to Avoid): acids and strong oxidizers

SECTION 6- STORAGE AND HANDLING INFORMATION

Store in a cool, dry place. Keep container closed when not in use. Use with adequate ventilation. Avoid contact with solutions of this product. Wash thoroughly after handling.

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.
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: DO NOT induce vomiting; drink 3-4 glasses of water, milk, milk of magnesia or gelatin and get medical attention..

SECTION 8- SPECIAL PROTECTION INFORMATION

Respiratory Protection: None required.
Ventilation Requirements: Required.
Protective Gloves: Latex, neoprene or rubber.
Eye Protection: Goggles with side shields.
Other Protective Equipment: Safety eye bath nearby. Use rubber boots and aprons

SECTION 9- SPILL OR LEAK PROCEDURES

Cleanup Procedure for Spills: See section 8 for protective equipment. Avoid dermal contact. Stop flow of product. Vacuum or scrap up large spills with plenty of water.
Waste Disposal: Dispose of in accordance with all applicable federal, state and local regulations. Observe all labeled safeguards until container is cleaned, reconditioned or destroyed.

SECTION 10- REGULATORY INFORMATION

SARA Title III – Section 311/312 – Hazard: (Y/N): N
Fire: N
Sudden Release of Pressure: N
Reactivity: acids and strong oxidizers
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: Corrosive Liquids, Basic, Inorganic, Potassium Hydroxide.
HAZARD CLASS: 8
REFERENCE: 49 CFR 172.101
ID#: UN 3266
LABEL: Corrosive

HMIS Hazardous Material Identification System

Health	2
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.