



Heavy Duty Alkali Detergent

**HIGH ALKALINE
POWDERED LAUNDRY DETERGENT**

LAUNDRY PRODUCTS

DESCRIPTION: Brilliant's Heavy Duty Alkali Detergent is an alkaline-built, biodegradable laundry detergent containing a dual phase cleaning system to cover a wide range of soils and fabrics: Tough on grease and oily based stains! It protects fibers as it removes soil. Ideal for use in industrial, linen supply, shirt, institutional, family, commercial laundry operations, and automated dispensing systems.

Heavy Duty Alkali Detergent is loaded with brightener agents that work with bleach to produce whiteness and brightness. It will work effectively in a wide range of temperatures as well as in hard and soft water

DIRECTIONS:

- Use 2 oz. of product for lightly soiled laundry.
- Use 4 oz. of product for heavily soiled laundry.
- Top Loaders: Use ½ to 1 cup of product depending on degree soiled clothing.
- Usage rate may vary due to the characteristics of the local water conditions and type of washing equipment, load size and degree of soiled material. For best results, please consult your local service representative technician for proper usage rate.

PACKAGING:

SIZE
50 lbs. pail

CATALOG #
642037B50

PRODUCT SPECIFICATIONS

Appearance:	Free-flowing Powder
Color:	Yellow
Odor:	Bland Odor
pH:	11.0—13.5 @ 1% Aqueous solution.

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 PB642037B, Rev (B)

MATERIAL SAFETY DATA SHEET

Prepared By: R. Gomez

(Prepared According to 29 CFR 1910.1200)

Effective Date: 08/10/05

SECTION 1- PRODUCT IDENTIFICATION AND SUPPLIER INFORMATION

Product Name: H. D. Alkali Detergent
Generic Name: Powdered Laundry Detergent
Product Group: Laundry Products

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
Sodium Orthosilicate	13472-30-5	N/A	N/A	N/A	N/A

SECTION 3- PHYSICAL DATA

Boiling Point: N/A
Vapor Pressure: N/A
% Volatile: N/A
Solubility in Water: complete
Physical Description: Yellow, free-flowing powder with bland odor.

Specific Gravity: N/A
Vapor Density (Air=1): N/A
pH: 11 - 13.5 1% solution.
Evaporation Rate (Water=1):N/A

SECTION 4- FIRE AND EXPLOSION HAZARD DATA

Flash Point: None
Extinguishing Media: Non flammable.
Special Firefighting Procedures: Use self-contained breathing apparatus.
Unusual Fire and Explosion Hazards: None.
Upper Explosion Limits: N/A. **Lower Explosion Limits:** N/A.

SECTION 5- REACTIVITY DATA

Stability: Stable.
Hazard Decomposition Products: None known.

Incompatibility (Materials to Avoid): Strong acids; strong oxidizers.
Hazardous Polymerization: Will not occur.

SECTION 6- STORAGE AND HANDLING INFORMATION

For industrial use only. Store in a dry cool place. Avoid prolonged skin contact. Keep out of reach of children.

SECTION 7- HEALTH HAZARDS AND FIRST AID

Effects of Overexposure
Skin: Skin contact will cause irritation.
Eyes: Eye irritant.
Inhalation: Irritating to upper respiratory tract and mucous membranes.
Ingestion: Irritating to digestive tract, may cause gastric distress, stomach pains and vomiting.
First Aid Procedures
Skin: Wash affected area with soap and water 15 minutes. If burning or irritation persists, seek medical attention.
Eyes: Flush eyes 15 minutes, then 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 or milk. DO NOT induce vomiting. Seek medical attention immediately.

SECTION 8- SPECIAL PROTECTION INFORMATION

Respiratory Protection: Dust/particle mask
Ventilation Requirements: Adequate.
Protective Gloves: Neoprene or rubber
Eye Protection: Splash proof goggles.
Other Protective Equipment: None necessary in normal use.

SECTION 9- SPILL OR LEAK PROCEDURES

Cleanup Procedure for Spills: Sweep up excess; Flush area with large volumes of water.
Waste Disposal: Dispose in accordance with local, state and federal regulations.

SECTION 10- REGULATORY INFORMATION

SARA Title III – Section 311/312 – Hazard: (Y/N): N
Fire: N
Sudden Release of Pressure: N
Reactivity: N
Acute (IMMEDIATE) Health Hazard: Possible irritation and discomfort
Chronic (DELAYED) Health Hazard: None established
Other: May aggravate pre-existing skin, eye or respiratory conditions with long term exposure.

Shipping Information
Shipping Name: Corrosive, solid, basic, inorganic
Hazard Class: 8
Reference: 49 CFR 172.101
Identification: UN 3262
Label: Corrosive

HMIS Hazardous Material Identification System

Health	2
Flammability	0
Reactivity	0
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.