



HEAVY DUTY

LIQUID

LAUNDRY DETERGENT

LAUNDRY PRODUCTS

DESCRIPTION: Brilliant's Heavy Duty Liquid Laundry Detergent is an effective all – temperature, all – purpose phosphate-free detergent excellent for use in large capacity washers using Brilliant's automatic dispensing systems. This product can be used to launder fine washables and as a pre – treatment.

DIRECTIONS:

- Use 1/3 cup of detergent in top loaders.
- Use 1/4 cup detergent in front loaders.
- Use 1/2 cup of detergent for large capacity machines or heavily soiled clothes.
- 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.
- Pour onto heavily soiled areas then rub into fabric with part of the recommended amount of detergent. Then add balance to the wash load.

PACKAGING:

SIZE

4/1 gallon case
5 gallon pail
15 gallon drum
55 gallon barrel

CATALOG #

64200304
64200305
64200315
64200355

PRODUCT SPECIFICATIONS

Appearance:	Clear Liquid
Color:	Royal Blue
Odor:	Floral
pH:	6.5 - 9.5
Specific Gravity:	1.000 - 1.015
Viscosity:	>25 @ 28°C

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 PB642003B, Rev (F)

MATERIAL SAFETY DATA SHEET

Prepared By: D. Wilson

(Prepared According to 29 CFR 1910.1200)

Effective Date: 09/01/06

SECTION 1- PRODUCT IDENTIFICATION AND SUPPLIER INFORMATION

Product Name: HEAVY DUTY LIQUID LAUNDRY DETERGENT
Generic Name: Laundry Detergent
Product Group: Laundry 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
Sodium Dodecylbenzene Sulfonate	25155-30-0	N.A.	N.A.	10 mg/m ³	N.A.
Ethanol	64-17-5	N.A.	N.A.	1900 mg/m ³	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: 17 mm @ 20°C
% Volatile: 85%
Solubility in Water: complete
Physical Description: Clear Royal Blue Liquid, Floral odor

Specific Gravity: 1.000 – 1.015
Vapor Density (Air=1): >1
pH: 6-8
Evaporation Rate (Water=1): >1

SECTION 4- FIRE AND EXPLOSION HAZARD DATA

Flash Point: N.A.
Extinguishing Media: CO₂, water fog, dry chemical, chemical foam
Special Firefighting Procedures: Keep drums cool
Unusual Fire and Explosion Hazards: floor will be slippery
Upper Explosion Limits: N.A.
Lower Explosion Limits: N.A.

SECTION 5- REACTIVITY DATA

Stability: Stable
Hazard Decomposition Products: heat may yield CO, CO₂

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

SECTION 6- STORAGE AND HANDLING INFORMATION

Keep container closed when not in use. Protect container from abuse. Protect from extreme temperatures.

SECTION 7- HEALTH HAZARDS AND FIRST AID

Effects of Overexposure
Skin: None expected, however, prolonged contact may cause irritation.
Eyes: Contact may cause irritation.
Inhalation: None expected, however, certain individuals may be sensitized and experience minor nausea or headaches.
Ingestion: May cause gastric distress, diarrhea and vomiting.

First Aid Procedures
Skin: Wash contaminated area with soap and water; if irritation persists, seek medical attention.
Eyes: Immediately flush for 15 minutes with water; if irritation persists get medical attention.
Inhalation: Remove to fresh air; wash mouth and nasal passages with water; if breathing difficulties persists, seek medical attention.
Ingestion: Drink 2 glasses of water, get medical attention.

SECTION 8- SPECIAL PROTECTION INFORMATION

Respiratory Protection: None required.
Ventilation Requirements: Mechanical.
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. This is a CERCLA regulated product, refer to CERCLA 40 CFR 302 for detailed instructions concerning reporting requirements.
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: Strong acids.
Acute (IMMEDIATE) Health Hazard: Possible irritation and discomfort
Chronic (DELAYED) Health Hazard: Refer to IARC information on ethanol for possible long term affects.
Other: May aggravate pre-existing skin, eye or respiratory conditions with long term exposure.

Shipping Information:
NAME: Compound, Cleaning, Liquids
HAZARD CLASS: none
REFERENCE: 49 CFR 172.101
ID#: none
LABEL: none

HMIS Hazardous Material Identification System

Health	1
Flammability	0
Reactivity	0
Personal Protection	A

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_safety_sheets.aspx 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.