



Oxalic Acid

HEAVY DUTY LAUNDRY POWDER

LAUNDRY PRODUCTS

DESCRIPTION: BRILLIANT'S OXALIC ACID is a high quality laundry additive developed for rust removal in laundry operations. This product is as an excellent agent to reduce the alkalinity in fabrics in the wash cycle to help decrease skin irritation. Use of this product is designed for commercial laundry operations' automated dispensing equipment. Using OXALIC ACID will not cause yellowing of fabric, and is compatible with BRILLIANT'S LAUNDRY SOFTENER.

DIRECTIONS:

- Usage rate should be determined by the characteristics of the local water conditions and type of washing equipment, load size and degree of soiled material.

PACKAGING:

SIZE
50 lbs. Bag
100 lbs. Bag

CATALOG #
64250850
6425081B

PRODUCT SPECIFICATIONS

Appearance:	Powder crystals
Odor:	Characteristic
pH:	Aqueous solution approx. 1 - 2
Specific Gravity:	1.653 approx.

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

CONTROLLED

Issue Date: 10/12/05
Form PB642508B, Rev (A)

MATERIAL SAFETY DATA SHEET

Prepared By: R. Gomez

(Prepared According to 29 CFR 1910.1200)

Effective Date: 10/12/05

SECTION 1- PRODUCT IDENTIFICATION AND SUPPLIER INFORMATION

Product Name: OXALIC ACID
Generic Name: Laundry Powders
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
Oxalic Acid	144-62-7	100%.	N.A.	0.27 ppm	0.54 ppm

SECTION 3- PHYSICAL DATA

Boiling Point: 212 ° F
Vapor Pressure: N/A
% Volatile: N/A
Solubility in Water: Complete
Physical Description: Powder crystals with characteristic odor.

Specific Gravity: 1.653 approx.
Vapor Density (Air=1): N/A
pH: 1 – 2, aqueous solution approx.
Evaporation Rate (Water=1): N/A

SECTION 4-FIRE AND EXPLOSION HAZARD DATA

Flash Point: N.A.
Extinguishing Media: water spray, dry chemical, alcohol foam, carbon dioxide.
Special Firefighting Procedures: Corrosive material, full protective gear required including self-contained breathing apparatus
Unusual Fire and 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 oxidizers.
Hazard Decomposition Products: Thermal decomposition may yield phosphorus, CO CO₂ **Hazardous Polymerization:** Will not occur.

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 and severe irritating; chemical burns may result from contact.
Eyes: Corrosive, contact with eyes is painful and irritating and will cause chemical burns.
Inhalation: Corrosive and irritating to upper respiratory tract and mucous membranes.
Ingestion: Corrosive and irritating to digestive tract, gastric distress, stomach pains and vomiting may occur.
First Aid Procedures
Skin: Remove contaminated clothing. Wash contacted area with soap and water; do not neutralize with chemicals. If irritation persists seek medical attention.
Eyes: Flush with water for 15 minutes, get medical attention immediately.
Inhalation: Remove to fresh air, if breathing has not returned to normal within a few minutes after exposure seek medical attention.
Ingestion: Drink large quantities of water or milk, do not induce vomiting. Get medical attention immediately. Give diluted vinegar or lemon juice.

SECTION 8- SPECIAL PROTECTION INFORMATION

Respiratory Protection: none required for normal use
Ventilation Requirements: mechanical
Protective Gloves: neoprene or rubber
Eye Protection: goggles with side shields or full-face shield
Other Protective Equipment: safety eye bath nearby

SECTION 9-SPILL OR LEAK PROCEDURES

Cleanup Procedure for Spills: Wash to sanitary sewer with lots of water. For large spills - confine spill, soak up with approved absorbent. This is a regulated product refer to SARA Title III section 312, for spill notification regulations.
Waste Disposal: Dispose in accordance with local, state and federal regulations.

SECTION 10-REGULATORY INFORMATION

SARA Title III – Section 311/312 – Hazard: (Y/N): Y Section 312
Fire: N
Sudden Release of Pressure: N
Reactivity: Y
Acute (IMMEDIATE) Health Hazard: Corrosive to skin and eyes.
Chronic (DELAYED) Health Hazard: Prolonged inhalation may cause ulcers to upper respiratory tract. No long-term health effects are known at this time.
Other: May aggravate pre-existing skin, eye or respiratory conditions with long term exposure.

Shipping Information
Shipping Name: Corrosive, acidic, inorganic, NOS
Hazard Class: 8
Reference: 49 CFR 172.101
Identification: UN 3264
Label: Corrosive

HMIS Hazardous Material Identification System

Health	3
Flammability	0
Reactivity	0
Personal Protection	X

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.