

**BRADY INDUSTRIES, LLC MATERIAL SAFETY DATA SHEET**  
**PRODUCT: BRADY PREMIUM BUILT LAUNDRY DETERGENT**  
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MSDS Date: July 25, 2011  
Emergency Contact: 1-800-424-9300

**SECTION I**

**PRODUCT NAME:** Brady Premium Built Laundry Detergent  
**CHEMICAL NAME:** Mixture

**DOT SHIPPING INFORMATION:** Sodium Hydroxide Solution, 8  
8, UN1824, PG II  
RQ = 2200 lbs

**SECTION II - HAZARDOUS INGREDIENTS**

This material contains no ingredients which are known by Brady Industries, LLC to be hazardous unless listed below.

HAZARDOUS MATERIAL	CAS NUMBER	w/w %	EXPOSURE LIMITS IN AIR
Sodium Hydroxide	1310-73-2	20-60	OSHA PEL (TWA): 2 mg/m <sup>3</sup> ACGIH TLV: 2 mg/m <sup>3</sup> (Ceiling)
Isopropyl Alcohol	67-63-0	1-10	OSHA PEL (TWA): 400 ppm ACGIH TWA: 200 ppm ACGHI STEL: 400 ppm

The specific identity of some ingredients may be withheld for confidential business purposes. However, all known potential health effects from exposure to these ingredients are being addressed.

**SECTION III - HEALTH HAZARD DATA**

**NFPA HAZARD RATING**

Health = 2  
Flammability = 0  
Reactivity = 0

**Carcinogenic Listing:**

NTP: No Components listed.

IARC MONOGRAPHS: No Components listed.

OSHA 29 CFR 1910: No Components listed.

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**ENTRY ROUTES & EFFECTS OF OVEREXPOSURE:**

<b>Contact</b>	Eyes: May cause irritation. Skin: May cause irritation.
<b>Inhalation</b>	Not anticipated to be an entry route.
<b>Ingestion</b>	May be harmful if swallowed. May cause nausea, abdominal cramps, dizziness and possibly unconsciousness if large amounts are ingested.

**STATEMENT OF PRACTICAL TREATMENT:**

<b>Contact</b>	Eyes: Flush for at least 15 minutes with cool water. If irritation persists, obtain medical attention.  Skin: Wash exposed area thoroughly with soap and water. If irritation persists, obtain medical attention.
<b>Ingestion</b>	If conscious, give several glasses of water or milk and induce vomiting. Obtain immediate medical attention.

**SECTION IV - FIRE AND EXPLOSION DATA**

**FLASH POINT:**

N/A

**EXPLOSION:**

N/A

**FLAMMABLE LIMITS:**

UEL: N/A

LEL: N/A

**EXTINGUISHING MEDIA:**

Use any media appropriate for surrounding fire.

**SPECIAL FIRE-FIGHTING PROCEDURES:**

None.

**SECTION V - SPECIAL PROTECTION INFORMATION**

**RESPIRATORY PROTECTION:**

None required.

**VENTILATION:**

None required.

**EYE PROTECTION:**

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Splash proof or safety glasses

**SKIN PROTECTION:**

Rubber gloves and protective clothing.

**OTHER PROTECTIVE EQUIPMENT:**

As needed to avoid contact with eyes. Facilities utilizing or storing this material should be equipped with an eyewash station and a safety shower.

**SECTION VI - SPECIAL PRECAUTIONS**

**HANDLING AND STORAGE PRECAUTIONS:**

Avoid contact with skin and eyes. Do not take internally. Store in a cool, dry area. Keep containers tightly closed. Keep out of reach of children.

**SECTION VII - PHYSICAL DATA**

MELTING POINT C (F):	N/D	BOILING POINT C (F):	>100C (222F)
DENSITY:	1.2-1.3	VAPOR PRESSURE (mmHg):	N/D
pH:	14	EVAPORATION RATE:	N/D
APPEARANCE AND ODOR:	Light blue emulsion with slight odor.		

**SECTION VIII - REACTIVITY DATA**

**STABILITY:**

Stable under recommended conditions of storage, handling and proper use.

**HAZARDOUS POLYMERIZATION:**

Will not occur.

**CONDITIONS OR MATERIALS TO AVOID:**

None.

**HAZARDOUS DECOMPOSITION PRODUCTS:**

None.

**SECTION IX - SPILL OR LEAK PROCEDURES**

**STEPS TO BE TAKEN IF MATERIAL SPILLS OR LEAKS:**

Wear safety equipment. For small spills, flush to sewer with large amounts of water. For larger spills, dike and recover liquid into containers. Flush residue to sewer with large amounts of water.

**WASTE DISPOSAL METHOD:**

Not an EPA-hazardous waste. Dispose of at landfill or other approved disposal facility. Comply with all local, state and federal regulations.

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**ACGIH** = American Conference of Governmental Industrial Hygienists

**CL** = Ceiling Level

**IARC** = International Agency for Research on Cancer: Monographs

**OSHA** = Occupational Safety and Health Administration

**N/D** = Not Determined

**N/A** = Not Applicable

**NTP** = National Toxicology Program: Annual Report on Carcinogens

**PEL** = Permissible Exposure Level (OSHA)

**TLV** = Threshold Limit Value (ACGIH)

**TWA** = Time Weighted Average over 8 Hours

This information is, to the best of our knowledge, accurate but may not be complete. BRADY INDUSTRIES, LLC furnishes this information in good faith, but without warranty, representation or guarantee of its accuracy, completeness, or reliability.