



# SAFETY DATA SHEET

Date Issued: 03-13-2015  
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## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

**Product Name** Radiance Laundry Detergent  
**Product Number** BPR900050-A & BPR900050-B  
**Brand** Brighton Professional™

**Recommended Use** Laundry Detergent

**Uses advised against** No information available

**Supplier Name** Staples Contract & Commercial, Inc.  
**Supplier Address** 500 Staples Drive  
Framingham MA 01702 US

**Supplier Phone Number** 1-888-322-0912  
**Emergency telephone number** 1-888-322-0912

**Prepared By:** Regulatory Specialist, Staples Brand Group, (508) 253-5000

## 2. HAZARDS IDENTIFICATION

### Classification

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Serious eye damage/eye irritation	Category 2A
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### GHS Label elements, including precautionary statements

#### Emergency Overview

**Signal word** Warning  
**Hazard Statements:** Causes serious eye irritation



**Precautionary Statements – Prevention**

Wear eye/face protection

Wash hands and face thoroughly after handling

**Precautionary Statements – Response****Eyes**

**IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

**Precautionary Statements - Disposal**

None

**Hazards not otherwise classified (HNOC)**

Not applicable

**Unknown Toxicity**

0.067% of the mixture consists of ingredient(s) of unknown toxicity

**Other information**

May be harmful if swallowed

**Interactions with Other Chemicals**

No information available.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS #		% by Wt.	LC <sub>50</sub>	LD <sub>50</sub> (oral)
Sodium chloride	7647-14-5	40-70	42,000 mg/m <sup>3</sup> (rat)		3000m mg/kg (rat)
Sodium carbonate monohydrate	5968-11-6	10-30	468 mg/m (Guinea pig)		
Sodium orthosilicate	1344-09-8	1-5	Not available		1100 mg/kg (rat)
C12-15 Alcohols ethoxylated	68131-39-5	1-5	Not available		2000 mg/kg (rat)
Benzenesulfonic acid	42615-29-2	1-5	Not available		1870 mg/kg (rat)
2-Propenamide homopolymer	9003-05-8	1-5	Not available		12950 mg/kg(mouse)
Enzymatic Blend	Proprietary	0.1-1	Not available		Not available
Optical Brightener	Proprietary	<.1			

Fragrance added.

### 4. FIRST AID MEASURES

**First aid measures****General Advice**

Show this safety data sheet to the doctor in attendance.

**Eye Contact**

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. Remove contact lenses, if present and easy to do. Continue rinsing. Do not rub affected area. If symptoms persist, call a physician.

**Skin Contact**

Wash skin with soap and water. In the case of skin irritation or allergic reactions see a physician.

**Inhalation**

Remove to fresh air. If symptoms persist, call a physician.

**Ingestion**

Do NOT induce vomiting. Rinse mouth immediately and drink plenty of water. Never give anything by mouth to an unconscious person. Call a physician.

**Self-protection of the first aider** Avoid contact with skin, eyes or clothing. Use personal protective equipment as required.

**Most important symptoms and effects, both acute and delayed**

**Most Important Symptoms and Effects:** Burning sensation.

**Indication of any immediate medical attention and special treatment needed**

**Notes to Physician** Treat symptomatically.

## 5. FIRE-FIGHTING MEASURES

**Suitable Extinguishing Media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable extinguishing media**

CAUTION: Use of water spray when fighting fire may be inefficient.

**Specific Hazards Arising from the Chemical**

No information available.

**Uniform Fire Code** Irritant: Solid

**Hazardous Combustion Products**

Carbon oxides.

**Explosion Data**

**Sensitivity to Mechanical Impact** No.

**Sensitivity to Static Discharge** No.

**Protective equipment and precautions for firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures**

**Personal Precautions** Avoid contact with skin, eyes or clothing. Use personal protective equipment as required.

**Other Information** Refer to protective measures listed in Sections 7 and 8.

**Environmental Precautions**

**Environmental Precautions** Refer to protective measures listed in Sections 7 and 8.

**Methods and Material for containment and cleaning up**

**Methods for Containment** Prevent further leakage or spillage if safe to do so.

**Methods for Cleaning up** Pick up and transfer to properly labeled containers.

## 7. HANDLING AND STORAGE

**Precautions for safe handling**

**Handling** Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product.

**Conditions for safe storage, including any incompatibilities**

<b>Storage</b>	Keep containers tightly closed in a dry, cool and well-ventilated place.
<b>Incompatible Products</b>	None known based on information supplied.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION****Control parameters**

<b>Exposure Guidelines</b>	This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies
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**Appropriate engineering controls**

<b>Engineering Measures</b>	Use local exhaust ventilation.
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**Individual protection measures, such as personal protective equipment**

<b>Eye/Face Protection</b>	If there is a risk of contact: wear safety glasses with side shields (or goggles).
<b>Skin and Body Protection</b>	If there is a risk of contact: Wear protective gloves and protective clothing.
<b>Respiratory Protection</b>	No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.
<b>Hygiene Measures</b>	Handle in accordance with good industrial hygiene and safety practices. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product.

**9. PHYSICAL AND CHEMICAL PROPERTIES****Physical and Chemical Properties**

<b>Physical State</b>	Powder/Solid	<b>Odor</b>	Fresh floral
<b>Appearance</b>	White granular	<b>Odor Threshold</b>	No information available
<b>Color</b>	White		
<b>Property</b>	<b>Values</b>	<b>Remarks/ Method</b>	
pH (1% solution)	9.0 – 11.0	---	
<b>Melting / freezing point</b>	No data available	None known	
<b>Boiling point / boiling range</b>	No data available	None known	
<b>Flash Point</b>	No data available	None known	
<b>Density</b>	1.1 g/cm <sup>3</sup>		
<b>Evaporation Rate</b>	No data available	None known	
<b>Flammability (solid, gas)</b>	No data available	None known	
<b>Flammability Limit in Air</b>			
Upper flammability limit	No data available		
Lower flammability limit	No data available		
<b>Vapor pressure</b>	No data available	None known	
<b>Vapor density</b>	No data available	None known	
<b>Specific Gravity</b>	No data available	None known	
<b>Water Solubility</b>	Very soluble	None known	
<b>Solubility in other solvents</b>	No data available	None known	
<b>Partition coefficient: n-octanol/water</b>	No data available	None known	
<b>Autoignition temperature</b>	No data available	None known	
<b>Decomposition temperature</b>	No data available	None known	
<b>Kinematic viscosity</b>	No data available	None known	
<b>Dynamic viscosity</b>	No data available	None known	
<b>Explosive properties</b>	No data available		
<b>Oxidizing Properties</b>	No data available		

**Other Information**

Softening Point	No data available
VOC Content (%)	No data available
Particle Size	No data available

**10. STABILITY AND REACTIVITY**

<b><u>Reactivity:</u></b>	No data available.
<b><u>Chemical stability:</u></b>	Stable under recommended storage conditions.
<b><u>Possibility of Hazardous Reactions:</u></b>	None under normal processing.
<b><u>Hazardous Polymerization:</u></b>	Hazardous polymerization does not occur.
<b><u>Conditions to avoid:</u></b>	None known based on information supplied.
<b><u>Incompatible materials:</u></b>	None known based on information supplied.
<b><u>Hazardous Decomposition Products:</u></b>	Carbon oxides.

**11. TOXICOLOGICAL INFORMATION****Information on likely routes of exposure**

<b>Product Information</b>	Product does not present an acute toxicity hazard based on known or supplied information.
<b>Inhalation</b>	Specific test data for the substance or mixture is not available. May cause irritation of respiratory tract.
<b>Eye Contact</b>	Specific test data for the substance or mixture is not available. Expected to be an irritant based on components. May cause redness, itching, and pain. May cause temporary eye irritation.
<b>Skin Contact</b>	Specific test data for the substance or mixture is not available. May cause irritation. Prolonged contact may cause redness and irritation.
<b>Ingestion</b>	Specific test data for the substance or mixture is not available. Ingestion may cause irritation to mucous membranes. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

**Component Information**

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
sodium dodecylbenzenesulfonate	= 4090 mg/kg ( Rat )	-	= 2300 mg/m <sup>3</sup> ( Rat ) 2 h

**Information on toxicological effects**

**Symptoms** May cause redness and tearing of the eyes.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

<b>Sensitization</b>	No information available.
<b>Mutagenic Effects</b>	No information available.
<b>Carcinogenicity</b>	Contains no ingredient listed as a carcinogen.

<b>Reproductive Toxicity</b>	No information available.
<b>STOT - single exposure</b>	No information available.
<b>STOT - repeated exposure</b>	No information available.
<b>Chronic Toxicity</b>	No known effect based on information supplied.
<b>Target Organ Effects</b>	Eyes.
<b>Aspiration Hazard</b>	No information available.

#### Numerical measures of toxicity Product Information

The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (oral): 3,194.00 mg/kg  
 ATEmix (inhalation-dust/mist): 6.52 mg/l

## 12. ECOLOGICAL INFORMATION

#### Ecotoxicity

The environmental impact of this product has not been fully investigated.

#### Persistence and Degradability

No information available.

#### Bioaccumulation

No information available

#### Other adverse effects

No information available.

## 13. DISPOSAL CONSIDERATIONS

#### **Disposal methods**

This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

#### **Contaminated Packaging**

Dispose of contents/containers in accordance with local regulations.

This product contains one or more substances that are listed with the State of California as a hazardous waste.

Chemical Name	California Hazardous Waste
Sodium carbonate CAS #5968-11-6	Corrosive

## 14. TRANSPORT INFORMATION

	<u>TDG</u>	<u>DOT</u>	<u>MEX</u>	<u>ICAO</u>	<u>IATA</u>	<u>IMDG/IMO</u>	<u>RID</u>	<u>ADR</u>	<u>ADN</u>
Regulated									
Not Regulated	X	X	X	X	X	X	X	X	X

## 15. REGULATORY INFORMATION

### International Inventories

TSCA Complies  
 DSL All components are listed either on the DSL or NDSL.

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory  
 DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

### US Federal Regulations

#### SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

#### SARA 311/312 Hazard Categories

Acute Health Hazard	Yes
Chronic Health Hazard	No
Fire Hazard	No
Sudden release of pressure hazard	No
Reactive Hazard	No

#### CWA (Clean Water Act)

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

#### CERCLA

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

### US State Regulations

#### California Proposition 65

This product does not contain any Proposition 65 chemicals.

#### U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania	Rhode Island	Illinois
Sodium dodecylbenzenesulfonate	X	X	X	X	-

## 16. OTHER INFORMATION

	Health Hazards	Flammability	Instability	Physical Hazards	Special Hazards	Personal Protection
NFPA	1	0	0	N/A	Not determined	X
HMIS	1	0	N/A	0	Not determined	X

Always follow label directions carefully when using this or any other chemical product. If information about this product is required, please contact Staples at 1-888-322-0912 or visit our website at [www.staples.com](http://www.staples.com). Keep MSD Sheets filed and organized in an area accessible to workers according to all applicable regulations.

*This SDS was prepared for the sole purpose of compliance with the U.S. Occupational Safety and Hazard Administration's Hazard Communication Standard and Canada's Controlled Product Regulations and that is its only intended use. All information contained in this SDS is provided to the best of Staples Contract & Commercial, Inc's knowledge. No warranty is made with respect to this information, expressed or implied, including warranties of merchantability or fitness for a particular purpose. Users are responsible for verifying the information under their own operating conditions to determine whether the products listed in the SDS are suitable for their intended use. Users are responsible for compliance with all laws and regulations as may be required by their receipt of the information and use of the products provided with this SDS.*