

STAPLES CONTRACT & COMMERCIAL, INC.
500 Staples Drive
Framingham, MA 01702 USA
Business Phone: 1-888-322-0912
24-HR MEDICAL AND EMERGENCIES: 1-888-322-0912

MSDS #: BPR9000
Hazard Rating
Health 2 2
Flammability 0 0
Physical Hazards/Reactivity 0 0
Special None None

MATERIAL SAFETY DATA SHEET

Complies with ANSI Z400.1 Format

SECTION 1: PRODUCT IDENTIFICATION

Product: Radiance™

This MSDS applies to Manufacturer Item Numbers: BPR900050-A

MSDS CODE: BPR9000.0412

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

GENERIC DESCRIPTION	DATE ISSUED	SUPERSEDES
Laundry Detergent	04-02-2012	None

SECTION 2: HAZARDS IDENTIFICATION

Emergency overview: Eye and skin irritant.

Potential short term health effects:

Routes of exposure: Eye, skin contact, inhalation, and ingestion

Eyes: May cause moderate to severe eye irritation.

Skin: May cause skin irritation.

Inhalation: Nuisance dusts can be irritating to nose, throat and lungs.

Ingestion: May cause gastrointestinal irritation.

Target organs: Skin

Chronic effects: Prolonged or repeated contact with skin may cause irritation.

Signs and symptoms: Symptoms may include redness and dermatitis of the skin.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS #	% by Wt.	LC ₅₀	LD ₅₀ (oral)
Sodium chloride	7647-14-5	40-70	42,000 mg/m ³ (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-Propanamide 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.

SECTION 4: FIRST AID MEASURES

Emergency First Aid Procedures:

Eyes: Immediately flush eyes with water for at least 15 minutes while holding eyelids open. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. If irritation occurs and persists, seek medical advice.

Skin: Flush immediately with plenty of water for at least 15 minutes. If irritation occurs and persists, seek prompt medical advice.

Inhalation: If symptoms develop, move victim to fresh air and seek prompt medical attention.

Ingestion: Do not induce vomiting and do not give anything by mouth to an unconscious or convulsing person. Seek prompt medical attention.

SECTION 5: FIRE FIGHTING MEASURES

Flash Point: >212.0 °F

Flammable properties: Not flammable by WHMIS/OSHA criteria.

Extinguishing Media: Use standard fire fighting measures to extinguish fires involving this material (water spray, dry chemicals or foam). **Special Fire Fighting Procedures:** Firefighters should wear full protective clothing including self contained breathing apparatus. High pressure water may spread product from broken containers increasing contamination of fire hazard. **Unusual Fire and Explosion Hazards:** Direct application of high pressure water streams may scatter burning material. May product toxic oxides of carbon and various hydrocarbons.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Containment and Clean up: Ventilate area and contain spilled material. Splash goggles, gloves and self-contained breathing apparatus should be used to avoid contact or inhalation of product. Clean spills by sweeping or shoveling up material. Flush spill area with water.

SECTION 7: HANDLING AND STORAGE

Avoid contact with eyes and skin. Use only with adequate ventilation. Wash thoroughly after handling. Follow good industrial hygiene practices. Do not eat or drink while handling. Store in original containers in away from incompatible materials. Containers of this material may be hazardous when emptied since emptied containers retain product residue. Keep out of reach of children. Keep container tightly closed until ready for use.

SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

Exposure Limits:

Ingredient	ACGIH-TLV	OSHA-PEL
Sodium chloride 7647-14-5	Not available	Not available
Sodium orthosilicate #1344-09-8	10 mg/m ³ TWA	Not available
C12-15 Alcohols ethoxylated #68131-39-5	Not available	Not available
Benzenesulfonic acid #42615-29-2	Not available	Not available

Engineering Controls: Use local exhaust ventilation.

Respiratory Protection: Use dusk mask if dust is excessive.

Protective Gloves: Gloves should be worn when excessive skin contact cannot be avoided.

Eye Protection: Wear eye protection when using this product.

Other Protective Measures: Use good personal hygiene practices. Wash hands after handling.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance/Odor: White granular/Citrus odor	Specific Gravity: Not applicable
Odor threshold: Not available	Vapor Pressure: Not applicable
pH: Not applicable	Vapor Density: Not applicable
Boiling Point: Not applicable	Freezing Point: Not applicable
Density: 1.1 g/cm ³	Evaporation Rate: Not applicable
V.O.C. Content (by weight): Not available	Coefficient of water/oil distribution: Not applicable

SECTION 10: STABILITY AND REACTIVITY

Chemical Stability: Stable

Conditions to Avoid: Exposure to high temperatures

Incompatibility: Strong oxidizing agents

Hazardous Polymerization: Will not occur.

Hazardous Decomposition Products: Toxic oxides of carbon and hydrocarbons.

SECTION 11: TOXICOLOGICAL INFORMATION

Although no specific exposure limit has been established for this product, OSHA and ACGIH have established limits for nuisance dust:

OSHA PEL/TWA	Total 15 MG/M3; Respirable 5 MG/M3; 8-Hour TWA
ACGIH TLV/TWA	Total 10 MG/M3; 8 Hour TWA

Effects of acute exposure:

Eyes:	May cause moderate to severe eye irritation.
Skin:	May cause skin irritation.
Inhalation:	Nuisance dusts can be irritating to nose, throat and lungs.
Ingestion:	May cause gastrointestinal irritation.

Sensitization: Non-hazardous by WHMIS/OSHA criteria.

Chronic effects: No evidence of adverse effects from available information.

Mutagenicity: Non-hazardous by WHMIS/OSHA criteria.

Carcinogenicity: Non-hazardous by WHMIS/OSHA criteria.

Reproductive effects: Non-hazardous by WHMIS/OSHA criteria.

Teratogenicity: Non-hazardous by WHMIS/OSHA criteria.

Name of Toxicologically Synergistic Products: Not available

SECTION 12: ECOLOGICAL INFORMATION

This product is considered biodegradable under most definitions of the term.

Ecotoxicity – Acute Toxicity Data:

Freshwater Algae

C12-15 Alcohols ethoxylated #68131-39-5

96 Hr EC50 Algae: < 1 mg/l

Freshwater Fish

Sodium orthosilicate #1344-09-8

96 Hr LC50 Lepomis macrochirus: 301-478 mg/L

96 Hr LC50 Brachydanio rerio: 3185 mg/L (semi-static)

96 Hr LC50 Pimephales promelas: 1.4 mg/l

C12-15 Alcohols ethoxylated #68131-39-5

Water Flea

C12-15 Alcohols ethoxylated #68131-39-5

48 Hr EC₅₀ Daphnia 0.4 – 1.4 mg/L (acute)

Persistence/degradability:	Not available
Bioaccumulation/accumulation:	Not available
Mobility in environmental media:	Not available
Environmental effects:	Not available
Aquatic toxicity:	Not available
Partition coefficient:	Not available
Chemical fate information:	Not available
Other adverse effects:	Not available

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal Information: Dispose of in compliance with all applicable regulations.

SECTION 14: TRANSPORT INFORMATION

24-Hr Emergency Phone:	1-888-322-0912
Shipping Name:	Compound, Cleaning Liquid
U.S. DOT:	Not regulated as dangerous goods.
CANADA TDG:	Not regulated as dangerous goods.

SECTION 15: REGULATORY INFORMATION

CANADIAN FEDERAL REGULATIONS: This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

WHMIS Ingredient Disclosure List:

Sodium carbonate monohydrate	#5968-11-6	1%
Sodium orthosilicate	#1344-09-8	1%
C12-15 Alcohols ethoxylated	#68131-39-5	1%
Benzene sulfonic acid	#42615-29-2	1%

WHMIS Classification: Class E – (Corrosive to aluminum only. Non-corrosive to skin and steel); Class D – Division 2B

WHMIS Labeling:



US FEDERAL REGULATIONS

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

California Proposition 65: This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

SARA 311/312 Hazard Categories:

Immediate/Acute: Yes Delayed/Chronic: No Fire: No
Pressure: No Reactivity: No

SARA Section 313 Toxic Chemicals: None

SARA Section 302 Extremely Hazardous Substance: None

State Right-to-Know: None

Inventories

On Inventory (yes/no)*

Canada's Domestic Substances List (DSL)

YES

Canada's Non-Domestic Substances List (NDSL)

NO

United States' Toxic Substances Control Act (TSCA)

YES

*A "Yes" indicates that all components of this product comply with the inventory requirements.

SECTION 16: OTHER INFORMATION

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. Keep MSD Sheets filed and organized in an area accessible to workers according to all applicable regulations.

This MSDS 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 MSDS 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 MSDS 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 MSDS.

FAX TRANSMISSION

Insight Distributing, Inc.	Phone:	(509) 534-5504
207 N. Crestline	Phone:	(800) 234-5123
Spokane, Wa 99202	Fax:	(509) 534 5785
	E-Mail:	SNovick@Insight-Dist.Com

From: Saul Novick/Insight Distributing, Inc.

To: Mr. Robert Wilson

Company: KVDA Purchasing Coop

Date: June 17, 2013

Total pages including cover: 3

Message: Dear Bob, Attached please find the MSDS sheets for the Mt. Hood Detergent # S-44.

P R O D U C T I N F O R M A T I O N**S-44 - MEDIUM BUILD LAUNDRY DETERGENT****GENERAL DESCRIPTION:**

S-44 is a medium build, synthetic laundry detergent for light to medium soil classifications. S-44 is ideal for motels, hotels, nursing homes and other institutions where light to medium soils are encountered. S-44 can be used in a home-type machine. S-44 is safe for permanent press, cotton, nylon, and Dacron fabrics and can be used with chlorine bleaches.

USDA authorized for use in federally inspected food processing plants.

<u>PROPERTIES:</u>	Form:	Granular, free flowing
	Color:	White
	Odor:	None

USE DIRECTIONS:

Use 0 to 12 ounces of S-44 per 100 pounds of dry linen. Effective in wash temperatures up to 170° F.

CAUTION:

May cause irritation to skin, eyes, and mucous membranes. For contact with skin or eyes, flush area thoroughly with water for at least 15 minutes. If irritation persists, get medical attention. Do Not Ingest. Consult the Material Safety data Sheet for additional precautions.

KEEP OUT OF REACH OF CHILDREN.

<u>PACKAGING:</u>	300 lb. drum
	50 lb. box

01/07

MT. HOOD CHEMICAL CORPORATION (MT. HOOD SOLUTIONS)

14546 N. Lombard
Portland, Oregon 97203
Emergency Phone: 503-227-3505

MATERIAL SAFETY DATA SHEET
PRODUCT NAME: S-44

N/A = NOT APPLICABLE
NA = NOT AVAILABLE

DATE PRINTED: 10/28/10

PRODUCT NAME: S-44

PREPARED BY: K. Woods

DATE: August 31, 1995

CHEMICAL FAMILY: Alkaline Detergent Mixture

FORMULA: Proprietary

HAZARDOUS INGREDIENTS (CAS #):

HAZARDOUS INGREDIENTS (CAS #)	%	EXPOSURE LIMITS, ppm	ACGIH TLV	OSHA PEL
Sodium metasilicate (6834 02 0)	Less than 25%		N/A	N/A
Sodium carbonate (49-71-98)	Less than 25%		N/A	N/A

CARCINOGENIC INGREDIENTS: CONTAINS NO KNOWN OR SUSPECTED CARCINOGENS.
SARA TITLE III SECTION 302 REPORTABLE INGREDIENTS: None

PHYSICAL PROPERTIES:

Boiling Point: N/A
Solubility in Water: Appreciable
Specific Gravity - Liquid (H₂O = 1): N/A
Odor and Appearance: White granules; mild scent

% Volatiles: N/A
% Volatile Organic Content (VOC): 0
Vapor Pressure: N/A
Vapor Density (Air = 1): N/A

FIRE AND EXPLOSION DATA:

Flash Point: None
Extinguishing Media: Water, CO₂, foam, dry chemical
Special Firefighting Procedures: None

Flammability Limits: N/A
Unusual Hazards: None

HEALTH EFFECTS:

Effects of overexposure: May cause eye or skin irritation. Ingestion may cause nausea or diarrhea. Ingestion may also cause irritation or burns to mouth, throat, and esophagus. Inhalation of dust may cause irritation to the respiratory tract.
Chronic effects of overexposure: None known or expected.
Medical conditions that may be aggravated by exposure: None known or expected.
Primary routes of entry: Ingestion, skin contact, inhalation of dust.

EMERGENCY AND FIRST AID PROCEDURES:

Eye Contact: Flush thoroughly with plenty of water for several minutes. If irritation persists, see a physician.
Skin Contact: Flush thoroughly from skin with water. If irritation persists, see a physician.
Ingestion: Drink plenty of water and call a physician immediately. DO NOT INDUCE VOMITING UNLESS INSTRUCTED BY A PHYSICIAN.
Inhalation or dust: Move to fresh air if dust causes discomfort. If discomfort persists, see a physician.

REACTIVITY DATA:

Stability: Stable
Incompatibility: Strong acids will neutralize the product.
Hazardous Decomposition Products: None

Hazardous Polymerization: Will not occur
Conditions to Avoid: None

SPILL OR LEAKAGE PROCEDURES:

Steps to be taken if material is released or spilled: Sweep up and place in a closed container.
Waste disposal method: According to local, state, or federal ordinances.

SPECIAL PROTECTION INFORMATION:

Ventilation: No special ventilation required.
Respiration Protection: None required under normal use.
Eye Protection: Safety goggles or glasses are recommended, especially in dusty areas.
Protective Gloves: Impermeable gloves are recommended for prolonged or repeated handling, or for individuals with sensitive skin.
Other Protective Equipment: None required.

SPECIAL PRECAUTIONS:

Precautions to be taken in handling and storage: Store in closed container in a dry place. Wash thoroughly after handling.
KEEP OUT OF REACH OF CHILDREN.
Other precautions: None

HAZARD RATINGS:

Health:	1	0 = Minimal	3 = Serious
Fire:	0	1 = Slight	4 = Severe
Reactivity:	0	2 = Moderate	
Specific Hazard:	N/A		