

# MATERIAL SAFETY DATA SHEET

MSDS NUMBER: MSDS-115

ISSUE DATE: 05/14/01

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## 1. PRODUCT AND COMPANY IDENTIFICATION

### Product Name

BRILLO SOAP PADS  
(Household & Hotel Size, Brillo Juniors, Orbo Soap Pads)

Church & Dwight Co., Inc.  
469 N. Harrison Street  
Princeton, NJ 08540

Emergency Phone:  
1-609-683-5900 (USA)

Medical Emergency Phone:  
1-800-228-5635

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

### Ingredient

Soap Dust -  
(Particulates Not Otherwise Classified-PNOC)

### OSHA TWA

15 mg/m<sup>3</sup> (total dust)  
5 mg/m<sup>3</sup> (resp. fraction)

### ACGIH TWA

10 mg/m<sup>3</sup> (total dust)

Contains no components reported to be carcinogenic by any reference source including IARC, OSHA, and NTP.

## 3. HAZARDS IDENTIFICATION

### EMERGENCY OVERVIEW

Scented steel wool pads impregnated with a pink or yellow soap paste.  
May cause skin irritation or dermatitis.  
May cause eye irritation.  
Inhalation of soap dust may cause irritation of mucous membranes.  
Ingestion may cause gastrointestinal irritation.

This product is labeled in accordance with regulations administered by the Consumer Product Safety Commission (CPSC). The use pattern and exposure in the workplace are generally not consistent with those experienced by consumers. The requirements of the Occupational Safety and Health Administration applicable to this MSDS differ from the labeling requirements of the CPSC and, as a result, this MSDS may contain additional health hazard information not pertinent to consumer use and not found on the product label.

### HMIS Rating

Health	1
Fire	1
Reactivity	1

## POTENTIAL HEALTH EFFECTS

**EYE:** Soap dust contacting the eye may cause stinging, tearing and conjunctival redness, and may cause damage if left in the eye. Steel wool fibers may cause corneal abrasion upon direct contact.

**SKIN CONTACT:** Prolonged or repeated contact may cause varying degrees of irritation or dermatitis.

**INGESTION:** May cause gastrointestinal irritation with nausea, vomiting, diarrhea, and abdominal discomfort.

**INHALATION:** Soap dust may cause mild irritation of mucous membranes accompanied by nasal discomfort, sneezing, coughing, and chest discomfort.

**SUBCHRONIC EFFECTS/CARCINOGENICITY:** None known. Ingredients are not listed as carcinogens or potential carcinogens by IARC, NTP, OSHA, or ACGIH.

## 4. FIRST AID MEASURES

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**SKIN:** Flush affected areas with a large amount of water until no evidence of product remains. Get medical attention if irritation develops and persists.

**EYES:** Immediately flush eyes with large amounts of clean, flowing water, occasionally lifting upper and lower eyelids. Flush eyes for 15 minutes or until no evidence of product remains. Get medical attention if pain or irritation persist.

**INHALATION:** Immediately move from area of exposure to fresh air. Get medical attention if person has difficulty breathing. If breathing has stopped, give artificial respiration and get medical attention immediately. Keep affected person warm and at rest. Treat symptomatically and supportively.

**INGESTION:** Maintain airway and respiration. If vomiting occurs, keep head below hips to prevent aspiration. Dilution by rinsing the mouth and giving water or milk to drink is generally recommended. **Do not attempt to give anything orally to an unconscious person.** Get immediate medical attention.

## 5. FIRE FIGHTING MEASURES

### FLAMMABLE PROPERTIES

FLASHPOINT: Not Determined

METHOD USED: Not Applicable

### FLAMMABLE LIMITS

LFL: Not Determined

UFL: Not Determined

**EXTINGUISHING MEDIA:** Dry chemical, carbon dioxide, water spray, fog, or regular foam.

**FIRE-FIGHTING INSTRUCTIONS:** Keep upwind and avoid breathing vapors. Use extinguishing agents suitable for surrounding fire. Do not scatter spilled material with high-pressure water streams. Dike fire-control water for later disposal. Wear proper full protective equipment (Bunker Gear) and a self-contained breathing apparatus (SCBA) with full face piece operated in positive pressure mode.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** The fire hazard for this product has not been determined. The product is expected to pose a slight fire hazard when exposed to heat or flame based on the most severe hazards of the components. Dust-air mixtures may ignite or explode.

## 6. ACCIDENTAL RELEASE MEASURES

For dry spills, scoop material into clean, dry containers. For liquid spills, dike far ahead of spill to contain. Scoop up spilled material or take up with absorbent material and then scoop into clean, dry containers. Cover containers and remove from area for later disposal as regulations permit (See Section 12). Liquid spills may create a slipping hazard. Keep all unnecessary people away from spill area. Make sure area is clean and dry before opening to traffic. Wear proper protective equipment (see Section 8) to prevent exposure to the spilled material. Flush spill area thoroughly with water.

## 7. HANDLING AND STORAGE

Store away from incompatible materials (See Section 10). Prevent exposure to material during handling by wearing appropriate protective equipment (See Section 8).

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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**VENTILATION:** Provide local exhaust ventilation to meet permissible exposure limits where fumes, dusts or vapors may occur.

**RESPIRATORY PROTECTION:** Air contamination monitoring should be conducted where fumes or vapors may be released or generated. If respiratory protection is required, wear a NIOSH/MSHA approved respirator appropriate for the type of contaminate and the contamination levels found in the workplace.

**PROTECTIVE GLOVES:** Chemical resistant gloves should be worn during occupational use conditions where repeated or prolonged skin contact may occur.

**EYE PROTECTION:** Not generally required for occupational use conditions. Where dusty conditions occur, chemical goggles are recommended.

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** None generally required for occupational use conditions.

**PROTECTIVE WORK/HYGIENIC PRACTICES:** No special requirements with respect to chemical exposure beyond those noted above. Specific requirements with respect to equipment and applications are the responsibility of the handler/user.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**APPEARANCE:** Steel wool pads impregnated with pink or yellow soap paste.

**ODOR:** Lemon (yellow) or floral (pink)

**PHYSICAL STATE:** Solid

**VAPOR PRESSURE:** Not determined

**VAPOR DENSITY:** Not determined

**BOILING POINT:** Not applicable

**FREEZING POINT:** Not applicable

**SOLUBILITY IN WATER:** Complete for dried soap contained on pad

**% VOLATILES:** Nil

## 10. STABILITY AND REACTIVITY

**CHEMICAL STABILITY:** Stable under normal temperatures and pressures.

**CONDITIONS TO AVOID:** Contact with incompatible materials.

**INCOMPATIBILITY WITH OTHER MATERIALS:** Strong oxidizers, reducing agents and acids.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Thermal decomposition may release toxic and/or hazardous compounds including oxides of carbon, nitrogen and sodium.

**HAZARDOUS POLYMERIZATION:** Has not been reported to occur under normal temperatures and pressures.

## 11. HEALTH HAZARD INFORMATION

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The acute health effects described below are those which could potentially occur for the finished product. They are based on the toxicology information available for the finished product and /or each hazardous ingredient, and are consistent with the product type and the likelihood of a specific route of exposure. Known chronic health effects related to exposure to a specific ingredient are indicated.

**EYE EFFECTS:** Soap dust contacting the eye may cause stinging, tearing and conjunctival redness, and may cause damage if left in the eye. Steel wool fibers may cause corneal abrasion upon direct contact

**SKIN EFFECTS:** Repeated or prolonged contact may cause irritation or dermatitis.

**ACUTE ORAL EFFECTS:** May cause gastrointestinal irritation with nausea, vomiting, diarrhea, and abdominal pain or discomfort.

**INHALATION EFFECTS:** Dusts may cause mild irritation of mucous membranes accompany by nasal discomfort, sneezing, coughing, or chest discomfort.

## 12. DISPOSAL CONSIDERATIONS

Dispose of spilled or waste product in accordance with all local, state and federal environmental regulations. State and local regulations may differ from federal. Be sure to consult with appropriate agencies for specific rules.

## 13. TRANSPORTATION INFORMATION

D.O.T. SHIPPING NAME: Not regulated. See product name.

D.O.T./E.P.A. HAZARD CLASS: Not applicable

U.N./N.A. NUMBER: Not applicable

HAZARDOUS SUBSTANCE/RQ: Not applicable

D.O.T. LABEL: Not applicable

D.O.T. PLACARD: Not applicable

## 14. REGULATORY INFORMATION

The ingredients in this product are reported in the U.S. EPA TSCA Inventory List.

**CERCLA (40 CFR 302.4):** Components present in this product at a level which could require reporting are:  
None

### SARA TITLE III

Section 313: Toxic chemical - Product components not listed as SARA Title III, Section 313 chemicals.

**SUPERSEDES DATE:** 04/28/98

**REASON FOR REVISION:** Review, reformat, and reissue. No substantive changes.

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