

# CHURCH & DWIGHT CO., INC.

CONSUMER PRODUCTS • SPECIALTY PRODUCTS



## MATERIAL SAFETY DATA SHEET

MSDS NUMBER: MSDS-404

ISSUE DATE: 09/21/06

PAGE 1 OF 4

### 1. PRODUCT IDENTIFICATION

Product Name

**ARM & HAMMER® ESSENTIALS FABRIC SOFTENER SHEETS  
(All Scents)**

Emergency Phone:

800.424.9300 CHEMTREC or  
609.683.5900 (USA)

Medical Emergency Phone:

1-888-234-1828

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENTS

CAS Number

OSHA & ACGIH TWAs

ACGIH STEL

Methyl bis[ethyl(tallowate)]-  
2-hydroxyethyl ammonium-  
methyl sulfate

157905-74-3

Not Established

Not Established

Blend of Surfactants

Proprietary

Not Established

Not Established

Fragrance

Mixture

Not Established

Not Established

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

### 3. HAZARDS IDENTIFICATION

#### EMERGENCY OVERVIEW

Scented polyester sheets.  
May cause skin irritation.  
May cause eye irritation.  
Ingestion may cause gastrointestinal disturbances and presents a choking hazard.

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	0

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## MATERIAL SAFETY DATA SHEET

MSDS NUMBER: MSDS-404

ISSUE DATE: 09/21/06

PAGE 2 OF 4

### POTENTIAL HEALTH EFFECTS

EYE: May cause eye irritation.

SKIN CONTACT: May cause various severities of irritation upon prolonged, repeated or occluded contact.

INGESTION: May cause gastrointestinal disturbances and presents a potential choking hazard.

INHALATION: None known. Vapors during manufacture may cause upper respiratory tract irritation.

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

### 4. FIRST AID MEASURES

SKIN: Rinse affected area thoroughly with water. Get medical attention if irritation persists.

EYES: Immediately rinse eyes with plenty of clean, flowing water, occasionally lifting upper and lower eyelids. Flush for 15 minutes. Get medical attention if irritation or pain persists.

INHALATION: Immediately move affected person from area of exposure to fresh air. Treat symptomatically and supportively.

INGESTION: If ingested, 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.** Treat symptomatically and supportively. Get medical attention or contact a local poison control center.

### 5. FIRE FIGHTING MEASURES

#### FLAMMABLE PROPERTIES

FLASHPOINT: Not Determined

METHOD USED: Not Applicable

EXTINGUISHING MEDIA: Dry chemical, carbon dioxide, water spray, 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.

#### FLAMMABLE LIMITS

LFL: Not Determined

UFL: Not Determined

### 6. ACCIDENTAL RELEASE MEASURES

Place material and in clean, dry containers. Cover containers and remove from area for later disposal as regulations permit (See Section 12).

### 7. HANDLING AND STORAGE

Store away from incompatible materials, (See Section 10).



## MATERIAL SAFETY DATA SHEET

MSDS NUMBER: MSDS-404

ISSUE DATE: 09/21/06

PAGE 3 OF 4

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

VENTILATION: General ventilation is sufficient. No special requirements.

RESPIRATORY PROTECTION: Not normally required.

PROTECTIVE GLOVES: Wear chemical-resistant gloves where prolonged or repeated contact may occur.

EYE PROTECTION: Not required under normal handling and use conditions involving finished sheets. Wear chemical splash goggles when working around mixtures or coatings capable of being splashed during the manufacturing process.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Clean cover protective clothing where repeated or prolonged contact may occur.

PROTECTIVE WORK/HYGIENIC PRACTICES: No special requirements with respect to chemical workplace 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: White polyester sheets

ODOR: Floral

PHYSICAL STATE: Solid

VAPOR PRESSURE: Not determined

% VOLATILES: Negligible

VOLATILE ORGANIC COMPOUNDS: No VOC's < C12

### 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, acids.

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

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

### 11. TOXICOLOGICAL INFORMATION

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: May cause eye irritation.

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## MATERIAL SAFETY DATA SHEET

MSDS NUMBER: MSDS-404

ISSUE DATE: 09/21/06

PAGE 4 OF 4

**SKIN EFFECTS:** Repeated, prolonged or occluded contact may cause various severities of skin irritation. There was no evidence of sensitization in human repeat insult patch tests.

**ACUTE ORAL EFFECTS:** May cause gastrointestinal disturbances and presents a potential choking hazard.

**INHALATION EFFECTS:** Vapors may cause upper respiratory irritation.

### 12. ECOLOGICAL INFORMATION

No data available.

### 13. DISPOSAL CONSIDERATIONS

Dispose of 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.

### 14. 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

### 15. REGULATORY INFORMATION

The ingredients in this product are reported in the U.S. EPA TSCA Inventory List or are exempted or excluded from listing.

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

SARA TITLE III

Section 313: Toxic chemical - None.

### 16. OTHER INFORMATION

SUPERCEDES DATE NEW

REASON FOR REVISION: NEW

For additional non-emergency health, safety and environmental information telephone 609.279.7705 or write to:

Church & Dwight Co. Inc.  
R & D Technical Regulatory Affairs  
469 North Harrison Street  
Princeton, New Jersey 08543

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## MATERIAL SAFETY DATA SHEET

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MSDS NUMBER: MSDS-404

ISSUE DATE: 09/21/06

PAGE 5 OF 4

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