CHURCH & DWIGHT CO., INC.

CONSUMER PRODUCTS • SPECIALTY PRODUCTS

MATERIAL SAFETY DATA SHEET

MSDS NUMBER: MSDS-250 ISSUE DATE: 04/08/09

1. PRODUCT IDENTIFICATION

Product Name

ARM & HAMMER® Carpet and Room Odor Eliminator
(All Scents)

Emergency Phone:
1-800-424-9300

Medical Emergency Phone:
1-888-234-1828

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

White granular powder; odor as described on label.
Potential workplace nuisance dust.
Not a fire hazard.
No significant health or environmental effects associated with this material.

HMIS Rating	
Health	1
Fire	0
Reactivity	0

Potential Health Effects

EYE: Not an eye irritant. Potential for slight irritation due to mechanical action if eyes are left unwashed.

SKIN CONTACT: Not a skin irritant.

INGESTION: Material is considered non-toxic. Ingestion of small amounts (1-2 tablespoonfuls) are not likely to cause injury. Ingestion of larger amounts may cause abdominal discomfort or injury.

INHALATION: Inhalation of dusts may cause irritation to the nose, throat and lungs.

SUBCHRONIC EFFECTS/CARCINOGENICITY: Sodium bicarbonate, the principal constituent, is not listed as a carcinogen or potential carcinogen by IARC, NTP, OSHA, NIOSH or ACGIH.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Ingredient	% By Weight	CAS Number
Sodium Bicarbonate	> 98%	144-55-8
Fragrance Blend	< 2%	proprietary mixture

Consumer Use: Exempt from OSHA and WHMIS requirements as packaged consumer household products. These products would not be considered hazardous under the OSHA and WHMIS Standards.

Workplace Considerations: Contains no hazardous ingredients as defined or listed in 29 CFR 1910 at greater than 1%, and 0.1% for carcinogens.

4. FIRST AID MEASURES

EYES: Check for and remove contact lenses if present. Flush eyes with clean flowing water, low pressure and lukewarm if possible, occasionally lifting upper and lower eyelids. Seek medical attention if irritation develops.
SKIN: Wash exposed areas with soap or mild detergent and water.
INHALATION: Remove from area of exposure. Treat symptomatically. Seek medical attention if person has difficulty breathing.
INGESTION: If large amounts of material are swallowed, do not induce vomiting. If person is conscious, give two glasses of water to drink. **Do not attempt to give anything orally to an unconscious person**. Seek medical attention.

NOTE TO PHYSICIAN: Large doses may produce systemic alkalosis and expansion in extra cellular fluid volume with edema. Normal body mechanisms will handle excretion of excess material. Treatment based on judgement of physician in reaction to patient.

5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES
FLASHPOINT: Not flammable
METHOD USED: Not applicable

FLAMMABLE LIMITS
LFL: Not applicable
UFL: Not applicable

EXTINGUISHING MEDIA: None combustible material. Use extinguishing media appropriate for surrounding fire.
FIRE-FIGHTING INSTRUCTIONS: Carbon dioxide and irritating dusts may be generated by thermal decomposition. Wear a self-contained breathing apparatus (SCBA) and full protective equipment (Bunker Gear).
UNUSUAL FIRE AND EXPLOSION HAZARDS: None known.

6. ACCIDENTAL RELEASE MEASURES

Scoop up into a clean, dry waste container. Avoid stirring up dusts. Wash away residue with water.

7. HANDLING AND STORAGE

Store in cool, dry areas and away from incompatible substances (acids).
Carpet Deodorizer will react with acids to yield carbon dioxide gas that can accumulate in confined spaces. Do not enter confined spaces until they have been well ventilated and carbon dioxide levels have been determined to be safe.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

RECOMMENDED EXPOSURE LIMIT: 10 mg/m^3 as a nuisance dust (ACGIH).
RESPIRATORY PROTECTION: Not normally required. Wear a NIOSH approved dust respirator if dust level exceeds recommended exposure limit.
PROTECTIVE GLOVES: Not normally required. Wear general purpose gloves for excessive handling and exposure conditions.

EYE PROTECTION: Not normally required. Safety glasses with side shields or safety goggles are recommended if excessive dust is generated.
OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Clean body covering is sufficient.
ENGINEERING CONTROLS: Use local exhaust if total dust level exceeds 10 mg/m^3.
PROTECTIVE WORK/HYGIENIC PRACTICES: No special requirements other than those noted above with respect to chemical exposure during handling. Personal protection and good industrial hygiene practices with respect to specific applications of this material are the responsibility of the user.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: White granular powder
ODOR: As per label description
PHYSICAL STATE: Solid
pH (1% SOLN. w/v): 8.2
VAPOR PRESSURE: Not applicable
VAPOR DENSITY: Not applicable
FREEZING/MELTING POINT: Not applicable
SOLUBILITY IN WATER: Approximately 8% @ 20°C
SPECIFIC GRAVITY (Water = 1): Approximately 1.0 @ 20°C.
% VOLATILE: < 1%
VOLATILE ORGANIC COMPOUNDS: < 1%
MOLECULAR WEIGHT: Not applicable (mixture)

10. STABILITY AND REACTIVITY

CHEMICAL STABILITY: Stable
CONDITIONS TO AVOID: Temperatures above 200°F.
INCOMPATIBILITY WITH OTHER MATERIALS: Reacts with acids to form carbon dioxide. May yield corrosive caustic soda if mixed with lime dust and water.
HAZARDOUS DECOMPOSITION PRODUCTS: Yields carbon dioxide at temperatures over 200°F, and sodium oxide if exposed to temperatures above 1500°F.
HAZARDOUS POLYMERIZATION: Will not occur.

11. TOXICOLOGICAL INFORMATION

EYE EFFECTS: None. Particles entering the eye may cause irritation due to mechanical action.
SKIN EFFECTS: None.
ACUTE ORAL EFFECTS: Practically non-toxic per 16 CFR 1500.3. LD_{50} (rat) is > 5000 mg/kg.
INHALATION EFFECTS: Practically non-toxic per 16 CFR 1500.3. LC50 (rat) is > 200 mg/l.

12. ECOLOGICAL INFORMATION

TOXICITY: This product is not expected to be toxic.
PERSISTENCE: This product is not expected to persist in the environment.
BIOACCUMULATION: This product is not expected to bioaccumulate.

13. DISPOSAL CONSIDERATIONS

Bury in secure landfill in accordance with all local, state and federal environmental regulations. State and local regulations may differ from federal. Be sure to consult appropriate agencies for specific rules. Empty containers may be incinerated or discarded as general trash.

14. TRANSPORTATION INFORMATION

D.O.T. SHIPPING NAME: Not regulated
TECHNICAL SHIPPING NAME: ARM & HAMMER® Carpet and Room Deodorizer
D.O.T. HAZARD CLASS: None
U.N. NUMBER: None
HAZARDOUS SUBSTANCE/RQ: None
D.O.T. LABEL: None
D.O.T. PLACARD: None

15. REGULATORY INFORMATION

The components of this product are reported in the U.S. EPA TSCA Inventory.

16. OTHER

SUPERCEDES DATE: 07/21/05 REASON FOR REVISION: Format update

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

Church & Dwight Co., Inc.
Product stewardship
469 North Harrison Street
Princeton, New Jersey 08543

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