

CHURCH & DWIGHT CO., INC.

CONSUMER PRODUCTS • SPECIALTY PRODUCTS



MATERIAL SAFETY DATA SHEET

MSDS NUMBER: MSDS-273

ISSUE DATE: 01/16/04

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1. PRODUCT AND COMPANY IDENTIFICATION

Product Name

ARM & HAMMER® MULTI-CAT™ CLUMPING CAT LITTER
(Scented)

Church & Dwight Co., Inc.
469 N. Harrison Street
Princeton, NJ 08543

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

Medical Emergency Phone:
1-888-234-1828

2. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Chemical Ingredient</u>	<u>% By Weight</u>	<u>CAS Number</u>
Sodium bentonite clay (contains crystalline quartz)	< 98%	1302-78-9 7631-86-9
Sodium bicarbonate	1-3%	144-55-8

Contains no other hazardous ingredients as defined or listed in 29 CFR 1910 or the Hazardous Products Act at greater than 1%, and 0.1% for carcinogens.

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW					
Odorless or fresh scented pale gray to buff granules. Potential workplace nuisance dust. Potential respiratory hazard: Contains a small amount of crystalline silica, which may cause delayed respiratory disease if inhaled over a prolonged period of time.					
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	0	Reactivity	0

Potential Health Effects

EYE: Potential for irritation due to mechanical action of granules if left unwashed.

SKIN CONTACT: Not a skin irritant.

INGESTION: Not considered toxic, however, ingestion may cause digestive tract discomfort, irritation, or injury due to its coarse nature and clumping characteristics when in contact with moisture.

INHALATION: Inhalation of dusts may cause shortness of breath and reduced pulmonary function. May aggravate existing respiratory conditions.

SUBCHRONIC EFFECTS/CARCINOGENICITY: Sodium bentonite clay contains crystalline quartz. IARC in Monograph 68 has concluded that crystalline silica inhaled in the form of quartz from occupational sources is

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carcinogenic to humans (Group 1); however carcinogenicity was not detected in all industrial circumstances studied. Because applications and exposure data indicate that exposure to respirable quartz in this product with normal use is well below the OSHA Permissible Exposure Limit (PEL), and the ACGIH Threshold Limit Value (TLV); and because the company is not aware of any scientific and medical data available indicating that exposure to dust from this product under conditions of normal use will cause silicosis or cancer, adverse effects would not be expected from normal use of this product. Not listed as a carcinogen or potential carcinogen by OSHA, NTP or ACGIH.

4. FIRST AID MEASURES

EYES: Immediately flush eyes with a directed stream of water for at least 15 minutes, forcibly holding eyelids apart to insure complete irrigation of all eye and lid tissue. **IF IRRITATION PERSISTS GET MEDICAL ATTENTION.**

SKIN: Wash exposed areas with soap or mild detergent and water.

INHALATION: Remove from area of exposure. If breathing is difficult have a trained person administer oxygen. **GET MEDICAL ATTENTION IMMEDIATELY.**

INGESTION: NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. If ingested, do not induce vomiting. If person is conscious, give two glasses of water to drink to prevent esophageal blockage. **GET MEDICAL ATTENTION IMMEDIATELY.**

5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES

FLASHPOINT: Not flammable

METHOD USED: Not applicable

FLAMMABLE LIMITS

LFL: Not applicable

UFL: Not applicable

EXTINGUISHING MEDIA: Non-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 for disposal. Avoid stirring up dusts. Wash away residue with water.

7. HANDLING AND STORAGE

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Store in cool, dry areas and away from incompatible substances (acids). If large amounts of dust are generated during handling, use appropriate protective equipment as recommended (see Section 8).

This product will react with acids to yield carbon dioxide gas, which 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 LIMITS: Nuisance Dust (ACGIH): 5mg/m³ respirable; 10 mg/m³ total dust. Respirable Crystalline Quartz: 0.1 mg/m³ (OSHA and ACGIH).

RESPIRATORY PROTECTION: Avoid breathing dust. Wear a NIOSH approved respirator where the exposure limit for crystalline silica and/or nuisance dust may be exceeded.

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 crystalline quartz and dust levels exceed recommended limits.

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: Pale gray to buff granules

ODOR: Fresh, clean scented

PHYSICAL STATE: Solid

pH AS IS: Not applicable

VAPOR PRESSURE: Not applicable

VAPOR DENSITY: Not applicable

BOILING POINT: Not applicable

FREEZING/MELTING POINT: Not applicable

SOLUBILITY IN WATER: < 5% @ 20°C

SPECIFIC GRAVITY (Water = 1): Approximately 2.5 g/cc @ 20°C.

% VOLATILE: Approximately 0.1%

VOLATILE ORGANIC COMPOUNDS: Not applicable

MOLECULAR WEIGHT: Not applicable (mixture)

10. STABILITY AND REACTIVITY

CHEMICAL STABILITY: Stable

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CONDITIONS TO AVOID: Temperatures above 200°F and contact with moisture/water.

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: Dusts generated may have a drying effect on the eyes. Particulates entering the eye present a mechanical irritation and injury hazard if not treated.

SKIN EFFECTS: Not a skin irritant or skin sensitizer.

ACUTE INHALATION: Not considered toxic via inhalation, but inhaling dusts may aggravate existing respiratory conditions.

ACUTE ORAL EFFECTS: Not a likely route of exposure. Not considered toxic by ingestion. Ingestion may result in digestive tract discomfort, irritation or injury.

12. ECOTOXICOLOGICAL INFORMATION

No data available.

13. DISPOSAL CONSIDERATIONS

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® MULTI-CAT™ Clumping Cat Litter

D.O.T. HAZARD CLASS: None

U.N./N.A. NUMBER: None

HAZARDOUS SUBSTANCE/RQ: None

D.O.T. LABEL: None

D.O.T. PLACARD: None

15. REGULATORY INFORMATION

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

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When this product becomes waste, it does not meet the criteria of a hazardous waste under 40 CFR 261.

16. OTHER INFORMATION

SUPERSEDES 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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