



# CHURCH & DWIGHT CO., INC.

CONSUMER PRODUCTS • SPECIALTY PRODUCTS

## MATERIAL SAFETY DATA SHEET

MSDS NUMBER: MSDS-602P

ISSUE DATE: 02/07/08

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### 1. PRODUCT AND COMPANY IDENTIFICATION

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

PRODUCT NAME

**A&H Essentials Multi Purpose Cleaner**

Emergency Phone:  
1-800-424-9300

Medical Emergency Phone:  
1-888-234-1828

**Product Use:** All Purpose Cleaner

**Chemical Name:** Mixture

**Chemical Formula:** Mixture

**Synonyms/Common Names:** Cleaner

Information Phone:  
1-800-524-1328

### 2. HAZARDS IDENTIFICATION

#### EMERGENCY OVERVIEW

Clear dark green liquid with solvent/floral odor.  
Eye irritant. May cause burning and redness. May cause skin irritation.  
Can react with alkaline materials or metals. Can emit toxic fumes if mixed with products containing chlorine or other sanitizing ingredients.  
This product is labeled in accordance with regulations administered by the Consumer Product Safety Commission (CPSC). However, the use pattern and exposure in the workplace are generally not consistent with those experienced by consumers. Therefore, the requirements of the Occupational Safety and Health Administration applicable to this MSDS differ from the labeling requirements of the CPSC, and this MSDS may contain additional health hazard information not pertinent to consumer use and not found on the product label. This formulation is for the concentrate which will be diluted by the consumer 1:26 with tap water.

HMIS Rating	
Health	1
Fire	2 Concentrate only
Reactivity	0

#### Potential Health Effects



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EYE: Potential for severe irritation if not treated immediately.

SKIN CONTACT: Varying severities of irritation are possible from prolonged, repeated, or occluded exposure to skin.

INGESTION: Ingested amounts may cause burning and pain in the mouth and throat with redness and swelling of mucous membranes.

INHALATION: Inhaled mists may cause irritation to the upper respiratory tract.

SUBCHRONIC EFFECTS/CARCINOGENICITY: None known. Not classified as carcinogenic by IARC, NTP, OSHA, OR ACGIH or NIOSH.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Chemical Ingredients</u>	<u>% By Wt.</u>	<u>CAS Number</u>
Proprietary	100%	Proprietary

### 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 tissues. IF IRRITATION PERSISTS GET MEDICAL ATTENTION.

SKIN: Remove contaminated clothing, including footwear. Wash contaminated areas thoroughly with soap and water. Wash clothing before reuse. Do not reuse footwear that is contaminated on the inner surfaces. GET MEDICAL ATTENTION IF IRRITATION DEVELOPS.

INHALATION: Immediately move from area of exposure to fresh air. If breathing is difficult have a trained person administer oxygen. If breathing has stopped, have a trained person administer artificial respiration. GET MEDICAL ATTENTION IMMEDIATELY.

INGESTION: NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. If ingested, do not induce vomiting. If the patient is conscious and can swallow, first rinse out mouth and then give one or two glasses of water to drink. GET MEDICAL ATTENTION IMMEDIATELY.

### 5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES

FLAMMABLE LIMITS

FLASHPOINT: 41°C, 105.8 °F (Diluted version would not heat above 100 °C) LFL: NA

METHOD USED: ASTM D93 PM CC UFL: NA

EXTINGUISHING MEDIA: Non-combustible material. Use extinguishing media appropriate for surrounding fire.

FIRE-FIGHTING INSTRUCTIONS: Use a self-contained breathing apparatus (SCBA) and full protective equipment (Bunker Gear).

UNUSUAL FIRE AND EXPLOSION HAZARDS: None known



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### 6. ACCIDENTAL RELEASE MEASURES

Eliminate all ignition sources. Equipment must be grounded. Wear personal protective equipment (See Section 8). Close off area to traffic. Large spills should be contained, pumped into containers, or absorbed onto commercial absorbent and placed in containers for disposal. Flush residues to waste treatment system as permitted. Landfill solids according to all applicable regulations. Flush area thoroughly with water.

### 7. HANDLING AND STORAGE

Wear protective equipment when handling material to prevent skin and eye contact. Store in a cool, dry area away from incompatible substances. Keep containers closed. Use non-sparking tools to open containers.

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE LIMITS: PEL = Not established TLV = Not established

ENGINEERING CONTROLS: Use Explosion Proof ventilation as necessary to maintain airborne concentrations below the PEL.

RESPIRATORY PROTECTION: Not normally required. Wear a NIOSH approved respirator with an organic vapor/mist cartridge where spray or mist exposure occurs, or where vapors are generated from mixes with incompatible materials.

PROTECTIVE GLOVES: Impervious (rubber or neoprene) gloves where contact is likely.

EYE PROTECTION: Wear splash-proof chemical safety goggles to avoid eye contact.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Wear impervious protective clothing where splashing may occur. Eyewash facility is recommended in work area or in close proximity.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Clear, dark green liquid

ODOR: Solvent

PHYSICAL STATE: Liquid

pH AS IS: 10.8 Conc; 10.5 Diluted

VAPOR PRESSURE: Not determined

VAPOR DENSITY: Not determined

BOILING POINT @ 760mm Hg: Not determined

MELTING POINT: Not applicable

SOLUBILITY IN WATER % by WT: 100% Complete

SURFACE TENSION: Not determined

SPECIFIC GRAVITY (Water = 1): 0.981 g/ml, (0.996 g/ml diluted)

VOLATILE ORGANIC COMPOUNDS: 50%, (1.85 % in the diluted product)



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### **10. STABILITY AND REACTIVITY**

CONDITIONS TO AVOID: Do not mix with acids or ammonia as toxic fumes may be released.

CHEMICAL STABILITY: Stable under normal conditions.

INCOMPATIBILITY WITH OTHER MATERIALS: Oxidizer. Contact with acids and ammonia liberates toxic gases.

HAZARDOUS DECOMPOSITION PRODUCTS: Toxic gas and oxides of sodium and sulfur.

HAZARDOUS POLYMERIZATION: Will not occur.

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### **11. TOXICOLOGICAL INFORMATION**

EYE EFFECTS: No specific data for this product. Based on components

Primary irritation index (rabbit): 20.3.

SKIN EFFECTS: No specific data for this product.

Acute Dermal LD50: >2000 mg/kg (Propylene Glycol ether)

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### **12. ECOTOXICOLOGICAL INFORMATION**

TOXICITY: This product is expected to be moderately toxic to aquatic animals.

PERSISTENCE: This product is not expected to persist in the environment.

BIOACCUMULATION: This product is moderately expected to bioaccumulate.

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### **13. DISPOSAL CONSIDERATIONS**

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

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### **14. TRANSPORTATION INFORMATION**

For Concentrate only:

UN ID NUMBER: UN1993

D.O.T. SHIPPING NAME: Flammable liquids, n.o.s. (Isopropanol mixture)

D.O.T. HAZARD CLASS: 3

PACKING GROUP: III

Consumer Product Limited Quantity Exception: 173.150 (c): Consumer Commodity, ORM-D,

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D.O.T. Label: Flammable Liquid



### 15. REGULATORY INFORMATION

TSCA: The components of this product are reported in the EPA TSCA Inventory List.

OSHA: Hazardous under 29 CFR 1910.1200

No CERCLA RQ Compounds present at concentrations greater than 0.1%

RCRA: If this material becomes waste, it would not be a hazardous waste.

SARA TITLE III:

Section 302, Extremely Hazardous Substances: None

Section 311/312, Hazardous Categories: Immediate (acute)

Section 313, Toxic Chemicals: None

### 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.  
Technical Regulatory Affairs  
469 North Harrison Street  
Princeton, New Jersey 08543

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