



# CHURCH & DWIGHT CO., INC.

CONSUMER PRODUCTS • SPECIALTY PRODUCTS

# ARMKEL, LLC

An affiliate of Church & Dwight Co., Inc.  
and Kelso & Company

MSDS NUMBER: MSDS-1229

ISSUE DATE: 09/19/03

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## 1. PRODUCT AND COMPANY IDENTIFICATION

### Product Name

**NAIR DEPILATORY LOTION** (All Scents)

**Manufacturer's Name and Address:** Church & Dwight Co., Inc.  
469 N. Harrison Street  
Princeton, NJ. 08543-5297

**24 HOUR EMERGENCY TELEPHONE:**  
CHEMTREC (800) 424.9300 or 1.609.683.5900  
**Medical Emergency:** 1.888.234.1828

**PRODUCT USE:** Cosmetic Hair Remover Depilatory  
**CHEMICAL NAME:** Mixture  
**CHEMICAL FORMULA:** Proprietary Mixture  
**SYNONYMS/COMMON NAMES:** Hair Remover Depilatory

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Chemical Ingredient (% by Weight)</u>		<u>CAS Number</u>
Water	60.0-80.0%	7732-18-5
Potassium Thioglycolate	10.0-12.0%	34452-51-2
Mineral Oil	5.0-10.0%	56-81-5
Cetearyl Alcohol Mixture	5.0-15.0%	69072-97-5
Calcium Hydroxide	2.0-8.0%	1305-62-0
Sodium Hydroxide	1.0-2.0%	1310-73-2

## 3. HAZARDS IDENTIFICATION

<b>EMERGENCY OVERVIEW</b>		
MAY CAUSE BURNS TO EYES SKIN AND GASTROINTESTINAL TRACT		
MAY CAUSE PERMANENT EYE DAMAGE		
Severe health hazard		
Minimal fire hazard		
White lotion with a slight fragrance		
<b>HMIS Rating</b>		
Health 3	Flammability 0	Reactivity 2

### *Potential Health Effects*

**TARGET ORGANS:** Eyes, Skin, Respiratory Tract, Gastrointestinal Tract.  
**IRRITANCY:** All routes of exposure, Corrosive.



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**INHALATION:** Can cause burns.

**EYE:** Corrosive. Contact can cause burns and tissue destruction. The severity of the effects depend on how soon after exposure the area is washed.

**SKIN CONTACT:** Corrosive. Contact can cause burns and tissue destruction.

**INGESTION:** Corrosive. Contact can cause burns and tissue destruction.

**CARCINOGENICITY:** Not classified as carcinogenic by NTP, IARC, OSHA, ACGIH or NIOSH.

**REPEATED EXPOSURE (CHRONIC):** None known.

## 4. FIRST AID MEASURES

### **EYES:**

IMMEDIATELY FLUSH EYES WITH A DIRECTED STREAM OF WATER for at least 15 minutes, forcibly holding eyelids apart to ensure complete irrigation of all eye and lid tissue. GET MEDICAL ATTENTION IMMEDIATELY.

### **SKIN:**

Immediately flush skin with plenty of water while removing contaminated clothing and shoes. Wash clothing before reuse. GET MEDICAL ATTENTION IMMEDIATELY.

### **INHALATION:**

Remove to fresh air. If breathing is difficult, have a trained person administer oxygen. If respiration stops have a trained person, administer artificial respiration. GET MEDICAL ATTENTION IMMEDIATELY.

### **INGESTION:**

Never give anything by mouth to an unconscious person. If large amounts of this material are swallowed, do not induce vomiting. Give large quantities of water. GET MEDICAL ATTENTION IMMEDIATELY.

### **NOTE TO PHYSICIAN:**

No specialized procedures. Treat for clinical symptoms.

## 5. FIRE FIGHTING MEASURES

### **FIRE:**

Autoignition temperature: Not available

Flammable Limits in air (%by volume):

UEL: Not available, LEL: Not available

**EXPLOSION HAZARD:** None.

**EXTINGUISHING MEDIA:** Use extinguishing media appropriate for surrounding fire.

**FIRE-FIGHTING INSTRUCTIONS:** Wear a NIOSH-approved positive pressure self-contained breathing apparatus (SCBA) and full protective clothing.

## 6. ACCIDENTAL RELEASE MEASURES

Keep unnecessary and unprotected people away from the area of the spill. Wear appropriate personal protective equipment as specified in Section 8. Contain and recover where possible. Scoop into clean,



dry waste containers for disposal. Do not flush to sewer. US Regulations (CERCLA) require reporting spills and releases to soil, water and air in excess of reportable quantities.

## 7. HANDLING AND STORAGE

Keep container tightly closed and properly labeled. Protect against physical damage. Store in cool, dry, ventilated area out of direct sunlight and away from incompatible substances (see Section 10). Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Wear personal protective clothing as described in Section 8. Empty containers may be hazardous since they retain product residues.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### OCCUPATIONAL EXPOSURE LIMITS:

No Occupational Exposure Limits have been established for this material.

For Sodium Hydroxide:

PEL: 2 mg/m<sup>3</sup> Ceiling

TLV: 2 mg/m<sup>3</sup> Ceiling

**ENGINEERING CONTROLS:** Handle product in a well-ventilated area. If product is handled in an open system, the use of process enclosures, local exhaust ventilation, and /or other engineering controls should be considered to control airborne levels to below recommended exposure limits.

**RESPIRATORY PROTECTION:** A NIOSH approved respirator with a dust, fume and mist filter may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits or when symptoms have been observed that are indicative of overexposure.

**SKIN PROTECTION:** Wear impervious protective clothing to minimize skin contact. Wear chemical resistant gloves such as, rubber neoprene or vinyl.

**EYE PROTECTION:** Wear chemical safety goggles plus a full face shield to protect against contact when appropriate.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: White lotion.

ODOR: Perfume odor.

PHYSICAL STATE: Lotion

Specific Gravity: 1.010 @ 21° C

pH: 12.6-13.2 @ 25C

VAPOR PRESSURE: Not applicable

VAPOR DENSITY: Not applicable.

BOILING POINT: Not applicable.



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FREEZING/MELTING POINT: Not applicable.  
SOLUBILITY IN WATER: Dispersible in water.  
BULK DENSITY (g/cc): Not available  
% VOLATILE: Not applicable.  
VOLATILE ORGANIC COMPOUNDS: Not applicable.

## 10. STABILITY AND REACTIVITY

**CHEMICAL STABILITY:** Stable  
**INCOMPATIBLE MATERIALS:** Reacts with strong oxidizing agents, strong acids.  
**HAZARDOUS DECOMPOSITION PRODUCTS:** Burning may produce carbon monoxide and/or carbon dioxide.  
**HAZARDOUS POLYMERIZATION:** Will not occur.  
**CONDITIONS TO AVOID:** Heat, Sunlight incompatibles.

## 11. TOXICOLOGICAL INFORMATION

For Sodium Hydroxide: This substance is alkaline and corrosive. Minimize contact. The irritating and corrosive properties of this substance depend on its concentration. It is toxic by the oral route. It may cause burns and other effects to the mucous membranes, mouth and digestive tract. Its dermal toxicity has not been determined. It may cause burns that are not immediately noticed or painful. Inhalation of dust or vapors can cause airway effects including burns. This substance is irritating and corrosive to the eyes and skin. The irritating properties of this substance depend on its concentration. In general, serious injury is associated with products with a pH of 11.5 or higher.

## 12. ECOLOGICAL INFORMATION

**TOXICITY:** This material is expected to be slightly toxic to aquatic life.  
**PERSISTENCE:** This material is not expected to be persistent.  
**BIOACCUMULATION:** This material is not expected to significantly bioaccumulate.

## 13. DISPOSAL CONSIDERATIONS

Dispose of all waste in and contaminated equipment in accordance with all applicable, federal, state and local health and environmental regulations.

## 14. TRANSPORTATION INFORMATION

D.O.T. SHIPPING NAME: Consumer Commodity  
TECHNICAL SHIPPING NAME: As above  
HAZARD CLASS: ORM-D  
ID: None  
PACKING GROUP: None



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## 15. REGULATORY INFORMATION

OSHA Standard 29 CFR 1910.1200 requires that information be provided to employees regarding the hazards of chemicals by means of a hazard communication program including labeling, material safety data sheets, training and access to written records.

### TSCA:

All components of this product that are required to be on the TSCA inventory are listed on the inventory.

### SARA 311/312:

Acute: Yes    Chronic: No    Fire: No    Pressure: No    Reactivity: Yes

### INTERNATIONAL CHEMICAL INVENTORY STATUS:

Ingredient	EC	Japan	Korea	AUS	Phil	CDN-DSL/NDSL
Sodium Hydroxide	Yes	Yes	Yes	Yes	Yes	Yes

**WHMIS:** This MSDS has been prepared according to the hazard criteria of the Controlled Products regulations (CPR) and the MSDS contains all of the information required by the CPR.

Class: D1B, D2B, E

## 16. OTHER INFORMATION

SUPERSEDES DATE: NEW

REASON FOR REVISION: 16 Section format.

This MSDS covers all of the following variations: Cocoa Butter, Aloe, Apple, Raspberry, Baby Oil

For additional non-emergency health, safety or 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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