

CHURCH & DWIGHT CO., INC.

CONSUMER PRODUCTS • SPECIALTY PRODUCTS



MATERIAL SAFETY DATA SHEET

MSDS NUMBER: MSDS-1201

ISSUE DATE: 07/22/04

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1. PRODUCTS AND COMPANY IDENTIFICATION

PRODUCT NAME: NAIR® Lightening Effects Bleach (Cream Bleach)

Manufacturer's Church & Dwight Co., Inc.

Name and Address: 469 N. Harrison Street
Princeton, NJ. 08543-5297

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

PRODUCT USE: Cosmetic bleaching agent
CHEMICAL NAME: Mixture
CHEMICAL FORMULA: Proprietary Mixture
SYNONYMS/Common Names: Hair Lightening Agent

2. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Chemical Ingredient (% by Weight)</u>		<u>CAS Number</u>
Deionized Water	50.0-70.0%	7732-18-5
Hydrogen Peroxide (35%)	10.0-20.0%	7722-84-1
Cetyl Alcohol	10.0-20.0%	36653-82-4
Glycerides, C14-18, Mono and Di	5.0-10.0%	67701-33-1
Light Mineral Oil	0.0-10.0%	8042-47-5
Polyoxyethylene stearic acid (Arlacel 165)	0.0-5.0%	9004-99-3/31566-31-1
Propylene Glycol	0.0-5.0%	57-55-6
Petrolatum	0.0-5.0%	8009038

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW		
White cream with a slight odor Moderate health hazard Minimal fire hazard		
HMIS Rating		
Health 2	Flammability 0	Reactivity 1

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Potential Health Effects

TARGET ORGANS: Eyes, Skin

IRRITANCY: Irritating to Eyes, Skin, Respiratory Tract, and Gastrointestinal Tract.

INHALATION: Can cause irritation to mucous membranes.

EYE: Severely irritating to eyes.

SKIN CONTACT: Can cause irritation and burns of skin and eyes.

INGESTION: Can cause irritation.

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

REPEATED EXPOSURE (CHRONIC): May cause damage to the tissues of the mucous membranes, eyes and skin.

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 symptom.

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.

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

SENSITIVITY TO MECHANICAL IMPACT: None Known

SENSITIVITY TO STATIC DISCHARGE: None Known

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:

OSHA Permissible Exposure Limit (PEL): 1.0 ppm TWA 8hr. (90% Hydrogen Peroxide)

ACGIH Threshold Limit Value (TLV): 1.0 ppm TWA 8hr., (Hydrogen Peroxide)

ENGINEERING CONTROLS: Handle product in a well ventilated area.

RESPIRATORY PROTECTION: None required.

SKIN PROTECTION: Wear impervious protective clothing including: boots, gloves, lab coat, apron or coveralls to prevent skin contact. Neoprene, natural and nitrile rubber are recommended.

EYE PROTECTION: Use chemical splash goggles. In addition where the possibility exists for eye of face contact due to splashing wear chemical splash goggles /face shield combination.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: White cream.

ODOR: Faint odor.

PHYSICAL STATE: Liquid Cream

Specific Gravity: 0.91-0.99 @25C

pH: 2.5-3.5.0 @ 25C

VAPOR PRESSURE: Not applicable

VAPOR DENSITY: Not applicable.

BOILING POINT: Not applicable.

FREEZING/MELTING POINT: Not applicable.

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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 alkalis, combustible materials, cyanides, nitric acid.
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 Hydrogen Peroxide:
Substance is severely irritating to the eyes and skin
ACUTE ORAL EFFECTS: Acute Oral (rat) LD₅₀ = 350 mg/kg.
INHALATION (rat) LC₅₀ =>2000ppm/4hr.
Products containing concentrations of hydrogen peroxide less than 5% in aqueous solutions are irritating to the eye; concentrations greater than 10% are corrosive to the eye. Effects of eye contact with aqueous solutions of less than 5% may include eye irritation with discomfort, tearing, or blurring of vision. Higher or prolonged exposure may result in eye corrosion with corneal or conjunctival ulceration. Contact with aqueous concentrations of greater than 10% may result in eye corrosion with possible irreversible eye damage, including blindness.

12. ECOLOGICAL INFORMATION

TOXICITY: This material is expected to be slightly toxic to aquatic life. LC_{50/96-hour} = 37.4 mg/L.
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

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D.O.T. SHIPPING NAME: Consumer Commodity, ORM-D
TECHNICAL SHIPPING NAME: Hydrogen peroxide, aqueous solution
HAZARD CLASS: 5.1
U.N./N.A. NUMBER: 2014
PACKING GROUP: II

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. We request that you, and it is your legal duty to, make all information in this Material Safety Data Sheet available to your employees.

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: Yes Fire: No Pressure: No Reactivity: No

CERCLA: Hydrogen peroxide (20-60%) RQ 100 lbs.

INTERNATIONAL CHEMICAL INVENTORY STATUS:

Ingredient	EC	Japan	Korea	AUS	Phil	CDN-DSL/NDSL
Hydrogen peroxide (7722-84-1)	Yes	Yes	Yes	Yes	Yes	Yes No

INTERNATIONAL REGULATIONS: Consult the regulations of the importing country

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.

16. OTHER INFORMATION

SUPERCEDES: 06/09/04

REASON FOR REVISION: Name Change

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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