

CHURCH & DWIGHT CO., INC.

CONSUMER PRODUCTS • SPECIALTY PRODUCTS



MATERIAL SAFETY DATA SHEET

MSDS NUMBER: MSDS-085

ISSUE DATE: 07/01/03

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1. PRODUCT IDENTIFICATION

Product Name

XTRA NICE 'N' FLUFFY Liquid Fabric Softener
(Regular and Ultra formulas in all scents)

Emergency Phone:

1-609-683-5900 (U.S.A.)

Medical Emergency Phone:

1-800-228-5635 Ext. 007 (USA)

2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Ingredients

% By Wt.

CAS Number

Methyl tallow diethylenetriamine condensate,
polyethoxylated, methyl sulfate

1-5% (Regular Formula)
10-20% (Ultra Formula)

68410-69-5

Contains no other hazardous ingredients at 1% or more (and 0.1% for carcinogens) as listed or defined in 29 CFR 1910.1200.

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Scented light-green or light-blue opaque liquid.

May irritate eyes.

No other significant health or environmental hazards associated with this product.

Not a fire hazard.

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. The requirements of the Occupational Safety and Health Administration applicable to this MSDS differ from the labeling requirements of the CPSC, therefore, 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

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Potential Health Effects

EYE: Potential for minor transient irritation.

SKIN CONTACT: Not a primary skin irritant. Potential for mild irritation from prolonged, repeated, or occluded exposure.

INGESTION: Ingested amounts may be irritating to the mouth and throat, and may cause stomach discomfort, nausea, and vomiting.

INHALATION: Not a likely route of exposure. May cause upper respiratory irritation if inhaled as a mist.

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

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 eye and lid tissue. IF IRRITATION PERSISTS GET MEDICAL ATTENTION IMMEDIATELY.

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 AND PERSISTS.

INHALATION: If over-exposure occurs, remove person from contaminated area to fresh air. Treat symptomatically and supportively. SEEK MEDICAL ATTENTION IF SYMPTOMS PERSIST.

INGESTION: If ingested, do not induce vomiting. Rinse mouth and then give one or two glasses of water to drink. **Never give anything by mouth to an unconscious person.** SEEK MEDICAL ATTENTION.

5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES
FLASHPOINT: Not combustible
METHOD USED: Not applicable

FLAMMABLE LIMITS
LFL: Not combustible
UFL: Not combustible

EXTINGUISHING MEDIA: Use extinguishing media appropriate for surrounding fire.

FIRE-FIGHTING INSTRUCTIONS: Ammonia vapors, carbon dioxide, carbon monoxide, and oxides of sulfur and nitrogen may be generated by thermal decomposition making necessary the use of self-contained breathing apparatus (SCBA) and full protective equipment (Bunker Gear).

UNUSUAL FIRE AND EXPLOSION HAZARDS: None known.

6. ACCIDENTAL RELEASE MEASURES

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Wear personal protective equipment (See Section 8). Close off area to traffic. Large spills should be contained, absorbed onto commercial absorbent and placed in containers for disposal. Absorb on commercial absorbent and place in clean containers for disposal. Landfill solids according to all applicable regulations.

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.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE LIMITS: PEL = Not established TLV = Not established

ENGINEERING CONTROLS: General ventilation is adequate.

RESPIRATORY PROTECTION: *Not normally required.*

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

EYE PROTECTION: Wear splash-proof chemical safety goggles if splashing is likely to occur.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Wear impervious protective clothing where splashing may occur.

PROTECTIVE WORK/HYGIENIC PRACTICES: No special requirements with respect to chemical exposure other than those noted above. Personal protection with respect to specific applications of this material are the responsibility of the user.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: *Light-blue (Fresh Scent, Floral Garden) or Light-green (Mountain Fresh) opaque liquid.*

ODOR: As described on label.

PHYSICAL STATE: Liquid

pH AS IS: 4.0 - 6.0

VAPOR PRESSURE: Not determined

VAPOR DENSITY: Not determined

BOILING POINT @ 760mm Hg: Not determined

VISCOSITY: 40 - 120 cps @70°F

SOLUBILITY IN WATER % by WT: Complete

SURFACE TENSION: Not determined

SPECIFIC GRAVITY (Water = 1): .991 - 1.01 @ 20°C

10. STABILITY AND REACTIVITY

CHEMICAL STABILITY: Stable under normal conditions of handling and storage.

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CONDITIONS TO AVOID: None known.

INCOMPATIBILITY WITH OTHER MATERIALS: Strong acids and oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS: Ammonia vapors, carbon dioxide, carbon monoxide, and oxides of sulfur and nitrogen.

HAZARDOUS POLYMERIZATION: Will not occur.

11. TOXICOLOGICAL INFORMATION

EYE EFFECTS: Based on best current information, this product presents the potential for slight transient irritation in the form of stinging and redness.

SKIN EFFECTS: Slight irritation may result from repeated, prolonged or occluded contact.

ACUTE DERMAL EFFECTS: Based on best current information, the product is expected to have a dermal LD₅₀ greater than 5000 mg/kg and would be considered practically non-toxic.

ACUTE ORAL EFFECTS: Based on best current information, the product is expected to have an oral LD₅₀ greater than 5000 mg/kg and would be practically non-toxic. Ingestion may cause abdominal discomfort with nausea and vomiting, and a possible burning sensation in the mouth and throat.

INHALATION: Not a primary route of exposure. Based on best current information, the product is expected to have LC₅₀ greater than 200 mg/l (nominal concentration).

12. ECOTOXICITY INFORMATION

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

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

BIOACCUMULATION: This product is not expected to bioaccumulate.

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.

14. TRANSPORTATION INFORMATION

D.O.T. SHIPPING NAME: Not regulated

TECHNICAL SHIPPING NAME: Not applicable. Shipped as XTRA Nice 'N Fluffy Liquid Fabric Softener.

D.O.T. HAZARD CLASS: Not applicable

U.N./N.A. NUMBER: Not applicable

HAZARDOUS SUBSTANCE/RQ: Not applicable

D.O.T. LABEL: Not applicable

D.O.T. PLACARD: Not applicable

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15. REGULATORY INFORMATION

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

CERCLA REPORTABLE QUANTITY: This product contains no substances that would be subject to the reporting requirements of this section.

RCRA: If this material becomes waste, it would not be a hazardous waste by listing or characteristic.

SARA TITLE III:

Section 302, Extremely Hazardous Substances: None

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

Section 313, Toxic Chemicals: None

CONSUMER USE

USA: Regulated by the Consumer Product Safety Act and Federal Hazardous Substances Act. As such, these products are exempt from the OSHA requirements under 29 CFR 1910.1200.

CANADA: Regulated by the Hazardous Products Act, and as such, these products are exempt from WHMIS.

16. OTHER INFORMATION

SUPERSEDES DATE: 10/04/01

REASON FOR REVISION: Conversion to the new 16 Section format.

For more 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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