

ALENZA

IN CASE OF EMERGENCY, CALL CHEMTREC

UNITED STATES: 1-800-424-9300

INTERNATIONAL: 1-202-483-7616

MATERIAL SAFETY DATA

1. PRODUCT IDENTIFICATION

PRODUCT NAME: **ALENZA CONDITIONER**
SYNONYMS: N/A
CHEMICAL FAMILY: Proprietary blend of ammonium salts, hydroxycarboxylic and phosphoric acid
GENERIC DESCRIPTION: Water Conditioner
MOLECULAR WEIGHT: N/A

2. HAZARDOUS INGREDIENTS

OSHA REGULATED COMPONENT	CAS. NO	WT%
Ammonium Sulfate	7783-20-2	32%

3. EFFECTS OF OVEREXPOSURE:

EYE: May cause eye irritation after direct contact with material.
SKIN: May cause slight skin irritation after repeated contact.
INHALATION: Inhalation of vapor or mist may cause mild irritation of the respiratory tract.
ORAL: Very low toxicity by ingestion.

4. EMERGENCY FIRST AID

Call a poison control center or doctor immediately for treatment advice.

IF SWALLOWED: Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

IF ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes.

IF INHALED: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.

IF IN EYES: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses if present, after the first 5 minutes, then continue rinsing eye. Have the product container with you when calling a poison control center or doctor, or going for treatment.

5. REACTIVITY DATA

STABILITY:	Stable
CONDITIONS TO AVOID:	Avoid Extreme Heat and Open Flames
POLYMERIZATION:	Will Not Occur
INCOMPATIBILITY:	None Known

6. PHYSICAL PROPERTIES

APPEARANCE AND ODOR:	Clear Liquid / Slight Odor
BOILING POINT:	>200° F
MELTING POINT:	N/A
VAPOR PRESSURE (mmg of Hg):	N/A
SPECIFIC GRAVITY:	1.306 (+/- .05)
VAPOR DENSITY (AIR=1):	ND
% VOLATILE (BY WGT.%):	
EVAPORATION RATE (Butyl A.) r=1:	ND
SOLUBILITY IN WATER:	Miscible

7. NFPA HAZARD RATING (National Fire Protection Association)

Flammability 0	HEALTH:	Intense or continued exposure could cause temporary incapacitation or possible residual injury unless prompt medical attention is given.
Health 2	0 Instability	FLAMMABILITY: Materials that will not burn.
-	INSTABILITY:	Normally stable, even under fire exposure conditions, and are not reactive with water.
Special Hazard		

8. FIRE AND EXPLOSION HAZARD INFORMATION

FLASHPOINT:	>200° F
FLAMMABLE LIMITS:	Not considered a fire hazard.
EXTINGUISHING MEDIA:	This product is noncombustible. If involved in a fire, extinguishing agents suitable for surrounding materials should be used.
FIRE FIGHTING:	As in any fire, prevent human exposure to fire, smoke, fumes or products of combustion. Use self-contained breathing apparatus with fighting any fire in an enclosed area.
UNUSUAL FIRE HAZARD:	Oxides of carbon and nitrogen are produced by the combustion of this product.

9. SPECIAL PRECAUTIONS

HANDLING AND STORAGE:	Keep out of reach of children. Avoid prolonged and /or repeated skin and eye contact when handling this product. Keep container closed and dry. Isolate from strong oxidizing agents. Do not store with food, feed, or other material to be used or consumed by humans or animals. Do not contaminate water supplies.
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10. SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: None required for normal use. If use conditions generate vapors, aerosols or fumes, use a NIOSH-approved respirator.

VENTILATION: Normal room ventilation (mechanical) should be satisfactory.

PROTECTIVE GLOVES: Impervious

EYE PROTECTION: Wear goggles or a face shield.

11. SPILL OR LEAK PROCEDURES

SPILLS OR RELEASES: CAUTION: Spills may be slippery. Material should be collected and disposed of in a proper manner. Dike area to prevent spill from spreading. Soak up spill with a suitable absorbent such as clay, sawdust or kitty litter. Sweep up absorbed material and place in a chemical waste container for disposal. Wear suitable protective equipment.

WASTE DISPOSAL: Do not contaminate water, food or feed by storage or disposal. Dispose of in an approved waste disposal facility in accordance with all Federal, State and Local Regulations.

CONTAINER DISPOSAL: Triple rinse (or equivalent) adding rinse water to application tank. Offer container for recycling or dispose of in a sanitary landfill or by other procedures approved by local regulations.

12. REGULATORY INFORMATION

COMPOUNDS WHICH REQUIRE REPORTING UNDER SARA TITLE III

<u>Sara regulated compounds</u>	<u>% Wt.</u>	<u>CAS NO.</u>
Ammonium Sulfate	32%	7783-20-2

SARA 313: Ammonium Sulfate, (10%), a portion is reportable as Ammonium per 40 CFR 372.65

The recommendation for safe handling and protection procedures is believed to be generally suitable for the standard uses of this compound. However, each user should identify his intended uses of this material and determine whether they are appropriate. All data included in this document is released as typical values and should not be utilized to determine the suitability of this material for a particular use or purpose. No warranty, either expressed or implied, is hereby made, nor do we give permission, inducement, or recommendations to practice any patented invention without a license. All data is offered for consideration, investigation and verification purposes only.

ALENZA

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