



## Section 1: Chemical Product and Company Identification

### Product details:

Manufacturer/Supplier: JE Tomes & Associates, Inc.  
Blue Island, IL 60406  
Phone: (877) 538-6637  
Fax: (708) 653-5101  
www.jetomes.com

Trade Name and Synonyms: Latex Polymer Liquid, Latex Liquid, Milk, Glue  
Product Description: Latex Admixture for cement based products

## Section 2: Hazardous Identifications

According to Regulation 2012 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200

### Classification of the substance or mixture:

Not classified for physical or health hazards under GHS

**Hazard statements:** None

**Precautionary statements:**

If medical advice is needed, have product container or label at hand.

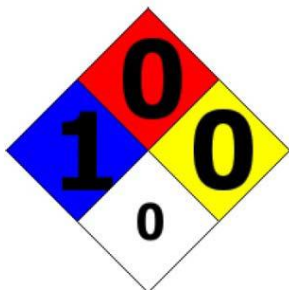
Keep out of reach of children.

Read label before use.

**Trade Secret:**

A trade secret is being claimed for a specific chemical identity and exact percentages.

Other Non-GHS Classification:



NFPA SCALE (0-4)

Health	1
Flammability	0
Physical Hazard	0
Personal Protection	X

HMIS RATINGS (0-4)



### Section 3: Composition/information on ingredients

#### Ingredients:

CAS 1336-21-6	Ammonium Hydroxide, ACS	<0.1 %
CAS 7732-18-5	Water	50-90 %
CAS confidential	Proprietary polymer	10-50 %

### Section 4: First aid measures

#### Description of first aid measures

**After inhalation:** Loosen clothing as necessary. Move exposed individual to fresh air and position individual in a comfortable position. Give artificial respiration if necessary. If breathing is difficult give oxygen. Seek medical assistance if cough or other symptoms appear.

**After skin contact:** Wash hands and exposed skin with soap and plenty of water. Seek medical attention if irritation persists or concerned.

**After eye contact:** Protect unexposed eye. Remove contact lenses while rinsing. Rinse or flush exposed eye gently using water for 15-20 minutes. Seek medical attention if irritation persists or if concerned.

**After swallowing:** Rinse mouth thoroughly. Do not induce vomiting. Never give anything by mouth to an unconscious person. Seek medical attention if irritation persists or if concerned.

#### Most important symptoms and effects, both acute and delayed:

Irritation, Headache, Nausea, Shortness of breath; 1336-21-6: Upper respiratory tract irritation, eye damage

#### Indication of any immediate medical attention and special treatment needed:

If seeking medical attention provide SDS document to physician. Physician should treat symptomatically.

### Section 5: Firefighting measures

#### Extinguishing media

**Suitable extinguishing agents:** Use water, dry chemical, chemical foam, carbon dioxide or alcohol-resistant foam.

**For safety reasons unsuitable extinguishing agents: Special**

**Special hazards arising from the substance or mixture:** xThermal decomposition can lead to release of irritating gasses and vapors.

#### Advice for firefighters:

**Protective equipment:** Wear protective eyewear, gloves and clothing. Refer to Section 8. Wear chemical protective clothing and positive pressure self-contained breathing apparatus (SCBA).

**Additional information (precautions):** Avoid inhaling gases, fumes, dust, mist, vapor and aerosols. Avoid contact with skin, eyes and clothing.



## Section 6: Accidental release measures

### Personal precautions, protective equipment and emergency procedures:

Ensure adequate ventilation. Ensure that air-handling systems are operational.

### Environmental precautions:

Should not be released into environment. Prevent from reaching drains, sewers or waterways.

### Methods and material for containment and cleaning up:

Wear protective eyewear, gloves and clothing. Refer to Section 8. Containerize for disposal. Refer to Section 13. If necessary use trained response staff or contractor. Evacuate personnel to safe areas. Keep in suitable closed containers for disposal. Absorb with suitable material.

### Reference to other sections:

## Section 7: Handling and storage

### Precautions for safe handling:

Avoid contact with skin, eyes and clothing. Follow good hygiene procedures when handling chemical materials. Refer to Section 8. Follow proper disposal methods. Refer to Section 13. Do not eat, drink, smoke or use personal products when handling chemical substances.

### Conditions for safe storage, including any incompatibilities:

Store in cool location. Keep away from food and beverages. Protect from freezing and physical damage. Provide ventilation for containers. Keep container tightly sealed. Store away from incompatible materials.

## Section 8: Exposure controls/personal protection

### Control Parameters:

1336-21-6, Ammonium hydroxide, ACGIH TLV: 17 mg/m<sup>3</sup>  
1336-21-6, Ammonium hydroxide, OSHA PEL: 35 mg/m<sup>3</sup>  
1336-21-6, Ammonium hydroxide, OSHA TWA: 25 ppm (18 mg/m<sup>3</sup>) ST 35 ppm (27 mg/m<sup>3</sup>)  
1336-21-6, Ammonium hydroxide, ACGIH TWA: 25 ppm (18 mg/m<sup>3</sup>) ST 35 ppm (27 mg/m<sup>3</sup>)

### Appropriate Engineering Controls:

Emergency eye wash fountains and safety showers should be available in the immediate vicinity of use or handling. Provide exhaust ventilation or other Engineering controls to keep the airborne concentrations of vapor and mists Below the applicable workplace exposure limits (Occupational Exposure Limits-OELs) indicated above.

### Respiratory Protection:

Not required under normal conditions of use. Where risk assessment shows air-Purifying respirators are appropriate use a full-face particle respirator type N100 (US) or type P3 (EN 143) respirator cartridges as a backup to engineering Controls. When necessary use NIOSH approved breathing equipment.

### Protection of Skin:

Select glove material impermeable and resistant to the substance. Select glove Material based on rates of diffusion and degradation. Dispose of contaminated



Gloves after use in accordance with applicable laws and good laboratory Practices. Use proper glove removal technique without touching outer surface. Avoid skin contact with used gloves. Wear protective clothing.

**Eye Protection:**

Wear equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166 (EU). Safety glasses or goggles are appropriate eye protection.

**General Hygienic Measures:**

Perform routine housekeeping. Wash hands before breaks and at the end of work. Avoid contact with skin, eyes and clothing. Wash contaminated clothing before wearing. Do not eat, drink or smoke in work areas.

**Section 9: Physical and chemical properties**

<b>Appearance (physical state, color):</b>	Liquid, white	<b>Explosion limit lower:</b>	Not Determined
		<b>Explosion limit upper:</b>	Not Determined
<b>Odor:</b>	Slight, sweet	<b>Vapor pressure:</b>	17 mm HG @ 20 °C
<b>Odor threshold:</b>	Not Determined	<b>Vapor density:</b>	<1
<b>pH-value:</b>	6 - 9	<b>Relative density:</b>	Not Determined
<b>Melting/Freezing point:</b>	Approx 0 °C	<b>Solubilities:</b>	Miscible
<b>Boiling point/Boiling range:</b>	100 °C at 17 mm Hg	<b>Partition coefficient (n-octanol/water):</b>	Not Determined
<b>Flash point (closed cup):</b>	Not Determined	<b>Auto/Self-ignition temperature:</b>	Not Determined
<b>Evaporation rate:</b>	Not Determined	<b>Decomposition temperature:</b>	>177 °C
<b>Flammability (solid, gaseous):</b>	Not Determined	<b>Viscosity:</b>	Kinematic: Not Determined Dynamic: Not Determined

**Density:** 1.00-1.03

**Recommended Storage Temperature:** 1.0 °C - 49°C

**Section 10: Stability and Reactivity**

**Reactivity:** Nonreactive under normal conditions.

**Chemical Stability:** Stable under normal conditions.

**Possibility Hazardous Reactions:** None under normal processing.

**Conditions to Avoid:** Incompatible materials

**Incompatible Materials:**

**Hazardous Decomposition Products:**



### Section 11: Toxicological Information

<b>Acute Toxicity</b>		
<b>Oral:</b>	<b>1336-21-6</b>	Ammonium Hydroxide: LD50: 350 mg/kg (rat)
<b>Chronic Toxicity:</b>	No additional information.	
<b>Corrosion Irritation:</b>	No additional information.	
<b>Sensitization:</b>	Skin Sens. 1	
<b>Single Target Organ (STOT):</b>	No additional information.	
<b>Numerical Measure:</b>	No additional information.	
<b>Carcinogenicity:</b>	No additional information.	
<b>Mutagenicity:</b>	No additional information.	
<b>Reproductive Toxicity:</b>	No additional information.	

### Section 12: Ecological Information

**Ecotoxicity Persistence and Degradability:**  
**Bioaccumulative Potential:**  
**Mobility in Soil:**  
**Other Adverse Effects:**

### Section 13: Disposal Considerations

#### Waste Disposal Recommendations:

Contact a licensed professional waste disposal service to dispose of this material. Dispose of empty containers and Unused product. Product and/or containers must not be disposed with household garbage. It is the responsibility of the waste generator to properly characterize all waste materials according to applicable regulatory entities (US 40CFR262.11). Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. Chemical waste generators must also consult local, regional and national hazardous waste regulations. Ensure complete and accurate classification.

### Section 14: Transport Information

#### UN-Number

Not Regulated

#### UN Proper Shipping Name

Not Regulated

#### Transport Hazard Class(es)

**Packing Group:** Not Regulated



**Environmental Hazard:**

**Transport in Bulk:**

**Special Precautions for User:**

**Section 15: Regulatory Information**

**United States (USA)**

**SARA Section 311/312 (Specific toxic chemical listings):**

Acute

**SARA Section 313 (Specific toxic chemical listings):**

1336-21-6 Ammonium hydroxide

**RCRA (Hazardous waste code):**

None of the ingredients is listed

**TSCA (Toxic Substances Control Act):**

All ingredients are listed

**CERCLA (Comprehensive Environmental Response, Compensation and Liability Act):**

1336-21-6 Ammonium Hydroxide

**Proposition 65 (California):**

**Chemicals known to cause cancer:**

None of the ingredients is listed

**Chemicals known to cause reproductive toxicity for females:**

None of the ingredients is listed

**Chemicals known to cause reproductive toxicity for males:**

None of the ingredients is listed

**Chemicals known to cause developmental toxicity:**

None of the ingredients is listed

**Canada**

**Canadian Domestic Substances List (DSL):**

All ingredients are listed

**Canadian NPRI Ingredients List (limit 0.1%):**

None of the ingredients is listed

**Canadian NPRI Ingredient Disclosure List (limit 1%):**

1336-21-6 Ammonium hydroxide

**Section 16: Other Information**

This product has been classified in accordance with hazard criteria of the Controlled Products Regulations and the SDS contains all the information required by the Controlled Products Regulations.



**Disclaimer:** Reasonable care has been taken in the preparation of this information, but the manufacturer makes no warranty of merchantability or any other warranty, expressed or implied, with respect to this information. The manufacturer makes no representations and assumes no liability for any direct, incidental or consequential damages resulting from its use. The information herein is presented in good faith and believed to be accurate as of the effective date given. It is the buyer's responsibility to ensure that its activities comply with Federal, State or provincial and local laws.

**Abbreviations and Acronyms:**

**IMDG:** International Maritime Code for Dangerous Goods

**PNEC:** Predicted No-Effect Concentration (REACH)

**CFR:** Code of Federal Regulations (USA)

**SARA:** Superfund Amendments and Reauthorization Act (USA)

**RCRA:** Resource Conservation and Recovery Act (USA)

**TSCA:** Toxic Substances Control Act (USA)

**NPRI:** National Pollutant Release Inventory (Canada)

**DOT:** US Department of Transportation

**IATA:** International Air Transport Association

**GHS:** Globally Harmonized System of Classification and Labelling of Chemicals

**ACGIH:** American Conference of Governmental Industrial Hygienists

**CAS:** Chemical Abstracts Service (division of the American Chemical Society)

**NFPA:** National Fire Protection Association (USA)

**HMIS:** Hazardous Materials Identification System (USA)

**WHMIS:** Workplace Hazardous Materials Information System (Canada)

**DNEL:** Derived No-Effect Level (REACH)