

## BASE STABILIZER SAFETY DATA SHEET

### Section 1. Product and Company Identification

Product Name: BASE STABILIZER  
 Recommended Use: Water-based emulsion polymers for soil stabilization and dust control  
 Company: Stella Sealants Corporation  
 Address: 6915 15th street east, ste 201  
 Sarasota, FL 34243, USA  
 Website: www.stellasealants.com  
 Email: info@stellasealants.com  
 Telephone: +1(941)357-1566  
 Fax: +1(941)359-1630  
 24 Hour Emergency Number (844)200-1672

### Section 2. Hazards Identification

#### Classification

OSHA Regulatory Status

This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Not a dangerous substance or mixture according to the Globally Harmonized System (GHS)

Label elements Emergency Overview

The product contains no substances which at their given concentration, are considered to be hazardous to health

**Appearance: Milky liquid                      Physical state: Liquid                      Odor: Slight**

Hazards not otherwise classified (HNOC) Other Information

Very toxic to aquatic life with long lasting effects

Unknown Acute Toxicity 52.11 % of the mixture consists of ingredient(s) of unknown toxicity

### Section 3. Hazardous Composition/Information on Ingredients

#### Substance

Chemical Name	CAS No.	Weight-%	Trade Secret
Ammonium hydroxide	1336-21-6	<1	*

\*The exact percentage (concentration) of composition has been withheld as a trade secret.

### Section 4. First Aid Measures

**Skin Contact:** Wash skin with soap and water. Wash contaminated clothing before reuse.

**Eye Contact:** Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.

**Inhalation:** Remove to fresh air.

**Ingestion:** Clean mouth with water and drink afterwards plenty of water.

Most important symptoms and effects, both acute and delayed

Symptoms No information available.

Indication of any immediate medical attention and special treatment needed

Note to physicians Treat symptomatically.

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### Section 5. Firefighting Measures

#### Suitable extinguishing media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Dry chemical, CO<sub>2</sub>, alcohol-resistant foam or water spray.

Unsuitable extinguishing media CAUTION: Use of water spray when fighting fire may be inefficient.

#### Specific hazards arising from the chemical

No information available.

Explosion data	N/A
Sensitivity to Mechanical Impact	None.
Sensitivity to Static Discharge	None.

#### Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

### Section 6. Accidental Release Measures

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

Personal precautions	Ensure adequate ventilation, especially in confined areas.
Environmental precautions	See section 12 for additional ecological information.

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

Prevent further leakage or spillage if safe to do so. Dike far ahead of spill; use dry sand to contain the flow of material. Pick up and transfer to properly labeled containers.

### Section 7. Handling and Storage

#### Precautions for safe handling

Advice on safe handling	Handle in accordance with good industrial hygiene and safety practice. Conditions for safe storage, including any incompatibilities
Storage Conditions	Keep containers tightly closed in a dry, cool and well-ventilated place.
Incompatible materials	None known based on information supplied.

### Section 8. Exposure Control/Personal Protection

#### Control parameters

Exposure Guidelines	This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.
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#### Appropriate engineering controls

Engineering Controls	Showers
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Eyewash stations

Ventilation systems.

Individual protection measures, such as personal protective equipment

**Eye/face protection**

No special technical protective measures are necessary.

**Skin and body protection**

No special technical protective measures are necessary.

**Respiratory protection**

If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn.

Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations.

Respiratory protection must be provided in accordance with current local regulations.

**General Hygiene Considerations**

Handle in accordance with good industrial hygiene and safety practice.

### Section 9. Physical and Chemical Properties

#### Information on basic physical and chemical properties

Physical state	Liquid
Appearance	Milky liquid
Odor	Slight
Odor threshold	No information available
Ph	7-8
Melting point/freezing point	32°F
Boiling point / boiling range	>200°F
Flash point	>200°F
Evaporation rate	No information available
Flammability (solid, gas) Flammability Limit in Air	No information available
Upper flammability limit:	No information available
Lower flammability limit:	No information available
Vapor pressure	No information available
Vapor density	No information available
Relative density	No information available
Water solubility	Dispersible
Solubility in other solvents	No information available
Partition coefficient	No information available
Autoignition temperature	No information available
Decomposition temperature	No information available
Dynamic viscosity	+/- 750 Centipoise

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### Section 10. Reactivity Data

Reactivity  
No data available  
Chemical stability  
Stable under recommended storage conditions.  
Possibility of Hazardous Reactions None under normal processing.  
Conditions to avoid  
Protect from freezing - product stability may be affected.  
Incompatible materials  
None known based on information supplied.  
Hazardous Decomposition Products  
None known based on information supplied.

### Section 11. Toxicological Information

#### Information on likely routes of exposure

Product Information	No data available
Inhalation	No data available
Eye contact	No data available
Skin Contact	No data available
Ingestion	No data available

#### Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Ammonium hydroxide 1336-21-6	= 350 mg/kg ( Rat )	-	-

#### Information on toxicological effects

Symptoms	No information available.
Delayed and immediate effects	as well as chronic effects from short and long-term exposure
Sensitization	No information available.
Germ cell mutagenicity	No information available.
Carcinogenicity	No information available.
Reproductive toxicity	No information available.
STOT - single exposure	No information available.
STOT - repeated exposure	No information available.
Aspiration hazard	No information available.

#### Numerical measures of toxicity - Product Information

Unknown Acute Toxicity                      52.11 % of the mixture consists of ingredient(s) of unknown toxicity

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### Section 12. Ecological Information

#### Ecotoxicity

Toxic to aquatic life with long lasting effects in liquid form

53.023 % of the mixture consists of component(s) of unknown hazards to the aquatic environment

Persistence and degradability	No information available.
Bioaccumulation	No information available.
Other adverse effects	No information available.

### Section 13. Disposal Considerations

#### Waste treatment methods

Disposal of wastes: Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated packaging: Do not reuse container.

Chemical Name: Ammonium hydroxide 1336-21-6

California Hazardous Waste Status: Toxic Corrosive

### Section 14. Transport Information

DOT	Not regulated
Harmonized Code (Sch. B No.)	3906.90.6000
Air Transport	Not Regulated for air transport
NMFC Code	149980-6 (Class 55)

### Section 15. Regulatory Information

#### International Inventories

TSCA On the inventory, or in compliance with the inventory. DSL/NDSL

All components of this product are on the DSL.

#### Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

#### US Federal Regulations

##### SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

Chemical Name: Ammonium hydroxide - 1336-21-6

SARA 313 - Threshold Values %: 1.0

SARA 311/312 Hazard Categories Acute health hazard	No
Chronic Health Hazard	No
Fire hazard	No
Sudden release of pressure hazard	No

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Reactive Hazard	No
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### CWA (Clean Water Act)

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

Chemical Name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Ammonium hydroxide 1336-21-6	1000 lb	-	-	X

### CERCLA

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

Chemical Name	Hazardous Substances RQs	CERCLA/SARA RQ	Reportable Quantity (RQ)
Ammonium hydroxide 1336-21-6	1000 lb	-	RQ 1000 lb final RQ RQ 454 kg final RQ

### US State Regulations

California Proposition 65

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Ammonium hydroxide 1336-21-6	X	X	X

### U.S. EPA Label Information

EPA Pesticide Registration Number Not Applicable

### Section 16. Other Information

#### NFPA Properties

Health hazards	1	Flammability	0
Instability	0	Physical and Chemical	

#### HMIS

Health hazards	1	Flammability	0
Physical hazards	0	Personal protection	X



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### Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication.

The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification.

The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.