



## MATERIAL SAFETY DATA SHEET

**Product Name** Azure Super Clarifier  
**Product id** 8673-AZ  
**Revision date** 30/04/2007

**Revision: 1**

### 1. Identification of the substance & the company

**Chemical name** Proprietary formulation  
**Chemical formula** Water solution

**Supplier** NAVA Water Products  
95 MacCorkle Ave. SW, South Charleston, WV 25303, USA  
Tel: (304) 746-3000

**Emergency Telephone** Chemtrec (800)424-9300

### 2. Composition / information on ingredients

Components CAS	Weight %	ACGIH-TLV Data	OSHA (PEL) Data
Complex Cationic Coagulant	50	Not determined	Not determined
Inert Ingredients	50	Not determined	Not determined

**OSHA hazard communication standard** Not hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200).

### 3. Hazards identification

**Emergency overview** *Colourless liquid, odourless*  
*Severe irritant to eyes Harmful if swallowed.*

### 4. First-aid measures

**Eye contact** Holding the eyelids apart, flush eyes promptly with copious flowing water for at least 20 minutes. Get medical attention immediately.

**Skin contact** Remove contaminated clothing. Wash skin thoroughly with mild soap and plenty of water for at least 15 minutes. Wash clothing before re-use.  
Get medical attention if irritation occurs.



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**Inhalation** In case of inhalation, remove person to fresh air. Keep him quiet and warm. Apply artificial respiration if necessary and get medical attention immediately.

**Ingestion** If swallowed, wash mouth thoroughly with plenty of water. Get medical attention immediately.

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NOTE: Never give an unconscious person anything to drink.  
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### 5. Fire - fighting measures

**Flash point** Not applicable

**Suitable extinguishing media** Not applicable, aqueous solution

**Fire fighting procedure** In closed stores, provide fire-fighters with self-contained breathing apparatus in positive pressure mode

**Unusual fire and explosion hazards** When heated to decomposition, may release poisonous fumes.

### 6. Accidental release measures

**Personal precautions** See section "Exposure controls/personal protection".

**Methods for cleaning up** Small spills: wash with large amounts of water and flush to sewer.  
Large spills: Dike area to prevent spill from spreading. Collect in suitable and properly labelled containers. Dispose of according to applicable regulations.

### 7. Handling and storage

**Handling** Keep containers tightly closed.

**Storage** Store in stainless steel, Polyethylene, Polypropylene or Teflon.

### 8. Exposure controls / personal protection

**Ventilation requirements** Good general ventilation.



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### Personal protective equipment:

- **Respiratory protection** Not normally required
- **Hand protection** Rubber gloves
- **Eye protection** Chemical safety goggles
- **Skin and body protection** Body covering clothes and boots

### Hygiene measures

Do not eat, smoke or drink where material is handled, processed or stored. Wash hands carefully before eating or smoking.  
Safety shower and eye bath should be provided.

## 9. Physical and chemical properties

**Appearance** Clear colorless liquid  
**Melting point/range** Not applicable  
**Boiling point/range** 100°C (212 °F)  
**Vapour pressure** Water  
**Vapor density** Same as water  
**Evaporation rate (ether=1)** Not applicable  
**Viscosity** 20 cps  
**Solubility:**  
- **Solubility in water** Soluble  
**Specific gravity** 1.34+/-0.1  
**pH** 4.30+/-0.10 (neat)

## 10. Stability and reactivity

**Stability** Stable under normal conditions  
**Materials to avoid** Copper and untreated steel (for concentrated product)  
**Conditions to avoid** Heating above 500°F  
**Hazardous decomposition products** HCl  
**Hazardous polymerization** Will not occur

## 11. Toxicological information

**Acute toxicity:** Acute toxicity:



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<b>- Eye irritation (rabbit)</b>	Severe irritant
<b>- Dermal irritation (rabbit)</b>	Not irritant
<b>Chronic toxicity</b>	No data available
<b>Mutagenicity</b>	No information available
<b>Carcinogenicity</b>	Not classified by IARC Not included in NTP 11th Report on Carcinogens Not classified as a carcinogen by USA OSHA

### 12. Ecological information

<b>Information on ecological effects</b>	Not available
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### 13. Disposal considerations

<b>Waste disposal</b>	Drain into sewer with ample water. Observe all federal, state and local environmental regulations when disposing of this material.
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### 14. Transportation information

<b>DOT</b>	Not regulated
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### 15. Regulatory information

<b>USA</b>	Reported in the EPA TSCA Inventory
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### 16. Other information

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**End of safety data sheet**