



## MATERIAL SAFETY DATA SHEET

Product Name **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.



## MATERIAL SAFETY DATA SHEET

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

**Revision: 1**

**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.

\*\*\*\*\*  
NOTE: Never give an unconscious person anything to drink.  
\*\*\*\*\*

### 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.



## MATERIAL SAFETY DATA SHEET

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

**Revision: 1**

### 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:



## MATERIAL SAFETY DATA SHEET

---

<b>Product Name</b>	<b>Super Clarifier</b>	
<b>Product id</b>	8673-AZ	
<b>Revision date</b>	30/04/2007	<b>Revision: 1</b>

---

<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
------------------------------------------	---------------

### 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.
-----------------------	---------------------------------------------------------------------------------------------------------------------------------------

### 14. Transportation information

<b>DOT</b>	Not regulated
------------	---------------

### 15. Regulatory information

<b>USA</b>	Reported in the EPA TSCA Inventory
------------	------------------------------------



## MATERIAL SAFETY DATA SHEET

---

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

**Revision: 1**

### 16. Other information

Although the information and recommendations set forth herein (hereinafter "information") are presented in good faith and believed to be correct as of the date hereof, NAVA Water Products makes no representations as to the completeness or accuracy thereof.

Information is supplied upon the condition that the persons receiving same will make their own determination as to its safety and suitability for their purposes prior to use.

In no event will NAVA Water Products be responsible for damages of any nature whatsoever resulting from the use of or reliance upon information.

NO REPRESENTATIONS OR WARRANTIES, EITHER EXPRESSED OR IMPLIED, OF MERCHANT ABILITY, FITNESS FOR A PARTICULAR PURPOSE OR OF ANY OTHER NATURE, ARE MADE HEREUNDER WITH RESPECT TO INFORMATION OR THE PRODUCT TO WHICH THE INFORMATION REFERS.

*In an event of discrepancy between the contents of this MSDS and the English version of it, the English version shall prevail.*

**End of safety data sheet**