



## MATERIAL SAFETY DATA SHEET

Product Name **Natural Clarifier**  
Product id 8671-TC  
Revision date 07/05/2007

Revision: 1

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

Chemical name Proprietary formulation  
Type of product and use Clarifies cloudy swimming pool water  
Supplier Nava Water Products  
95 MacCorkle Ave, S.W.  
South Charleston, WV 25303  
Emergency Telephone Chemtrec (800)424-9300

### 2. Composition / information on ingredients

| Components<br>CAS       | Weight % | ACGIH-TLV Data   | OSHA (PEL) Data                    |
|-------------------------|----------|--|------------------------------------|
| Acetic Acid<br>64-19-7  | 1        | 10 ppm (24.54 mg/m <sup>3</sup> ) TWA<br>15 ppm (36.8 mg/m <sup>3</sup> ) STEL | 10 ppm (25 mg/m <sup>3</sup> ) TWA |
| Proprietary blend<br>99 | 99       | Not determined   | Not determined                     |

### 3. Hazards identification

Emergency overview *Green or Blue viscous liquid with a pungent vinegar odor  
May cause eye irritation*

HMIS Ratings (Scale 0-4) Health = 0, Fire = 0, Reactivity = 0

### 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.



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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.

\*\*\*\*\*  
NOTE: Never give an unconscious person anything to drink.  
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**Note to physician** Treat symptomatically and supportively.

### 5. Fire - fighting measures

**Flash point** Not available

**Suitable extinguishing media** Material is not combustible. Use extinguishing media appropriate to surrounding fire conditions.

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

**Unusual fire and explosion hazards** None

### 6. Accidental release measures

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

**Methods for cleaning up** Flush into sewer with plenty of water.

### 7. Handling and storage

**Handling** Keep containers tightly closed. Avoid bodily contact.

**Storage** Store in a cool, well-ventilated area, away from incompatible materials (see "materials to avoid").

### 8. Exposure controls / personal protection

**Ventilation requirements** Good general ventilation.

**Personal protective equipment:**  
- Respiratory protection Not normally required



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- **Hand protection** Rubber gloves  
- **Eye protection** Safety glasses or goggles  
- **Skin and body protection** Full body protective 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** Green or Blue viscous liquid  
**Odor** Pungent vinegar  
**Melting point/range** Not applicable  
**Boiling point/range** 211°F  
**Vapour pressure** Not available  
**Vapor density** Not applicable  
**Solubility:**  
- **Solubility in water** Soluble  
**Density** 1.0-1.1 gr/ml  
**pH** 3.0-4.5

### 10. Stability and reactivity

**Stability** Stable under normal conditions  
**Materials to avoid** Strong oxidizing agents  
Strong bases  
**Conditions to avoid** Extreme heat, Freezing  
**Hazardous decomposition products** None known  
**Hazardous polymerization** Will not occur

### 11. Toxicological information

**Acute toxicity:** No data available  
**Mutagenicity** No data available  
**Carcinogenicity** Not classified by IARC  
Not included in NTP 11th Report on Carcinogens  
Not classified as a carcinogen by USA OSHA



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### 12. Ecological information

**Biodegradation** Biodegradable

### 13. Disposal considerations

**Waste disposal** Observe all federal, state and local environmental regulations when disposing of this material.

### 14. Transportation information

**DOT** Not regulated

### 15. Regulatory information

**USA** Reported in the EPA TSCA Inventory

### 16. Other information

This information has been prepared for the guidance of plant engineering, operations and management and for persons working with or handling this product. Additionally, if this Material Safety Data Sheet is more than three years old, you should contact NAVA Water Products at the phone number listed below to make certain that this sheet is current.

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**End of safety data sheet**