



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.



MATERIAL SAFETY DATA SHEET

Product Name	Azure 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 **Azure 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

Product Name	Azure Super Clarifier	
Product id	8673-AZ	
Revision date	30/04/2007	Revision: 1
- Eye irritation (rabbit)	Severe irritant	
- Dermal irritation (rabbit)	Not irritant	
Chronic toxicity	No data available	
Mutagenicity	No information available	
Carcinogenicity	Not classified by IARC Not included in NTP 11th Report on Carcinogens Not classified as a carcinogen by USA OSHA	

12. Ecological information

Information on ecological effects	Not available
-----------------------------------	---------------

13. Disposal considerations

Waste disposal	Drain into sewer with ample water. 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
-----	------------------------------------



MATERIAL SAFETY DATA SHEET

Product Name **Azure 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