



SAFETY DATA SHEET

According to OSHA Hazard Communication Standard 29 CFR 1910.1200 (GHS)

Product name	Azure Stabilizer and Conditioner	
Product id	AS_2011C_AZ	
Revision date	31/08/2014	Revision: 4
Supersedes	25/07/2011	

1. Identification of the substance & the company

Chemical name	Cyanuric acid
Synonym(s)	Cyanuric Acid Powder, Cyanuric Acid Granular, Isocyanuric acid, Cyanuric acid
Chemical family	Isocyanurate
Type of product and use	This product reduces chlorine loss and extends chlorine efficiency
Supplier	NAVA Water Products 95 MacCorkle Ave. SW, South Charleston, WV 25303, USA Toll Free Number: 1-800-811-2327
Emergency Telephone	Chemtrec: (800) 424-9300 Medical: (800) 420-9236

2. Hazards identification

GHS	Product is not subject to classification according to GHS. No label elements required.
GHS classification	Not Classified
Labels and other form of warning	Not classified
Symbol(s)	
NFPA Ratings (Scale 0-4)	Health = 0, Fire = 0, Reactivity = 0.
HMIS Ratings (Scale 0-4)	Health = 0, Fire = 0, Reactivity = 0



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3. Composition / information on ingredients

Components	CAS No.	Weight %
Cyanuric acid	108-80-5	90-100

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 reuse. Get medical attention if irritation occurs and persists.

Inhalation In case of dust inhalation or breathing fumes released from heated material, 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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Most important symptoms and effects, acute or delayed

- **Inhalation** No significant adverse effects to health would be expected to occur from inhalation with normal use of this product.
However, if dust is created and inhaled, inhalation may cause mild irritation to the throat, mucous membranes and upper respiratory tract.

- **Ingestion** Ingestion may cause gastrointestinal discomfort with any or all of the following symptoms: nausea, vomiting, lethargy or diarrhea.

Note to physician No specific antidote.
Treat symptomatically and supportively.



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5. Fire - fighting measures

Suitable extinguishing media	Water fog or fine spray. Carbon dioxide, dry chemical, alcohol resistant foam.
Unusual fire and explosion hazards	When heated to decomposition, may release poisonous fumes of Carbon Dioxide, Carbon Monoxide and Nitrogen Oxides.
Fire fighting procedure	Cool containers with water spray. In closed stores, provide fire-fighters with self-contained breathing apparatus in positive pressure mode.

6. Accidental release measures

Personal precautions	Avoid dust formation. Avoid breathing dust/fume/gas/mist/vapors/spray Wear appropriate safety clothing and eye/face protection (see Section 8)
Methods for cleaning up	Sweep up, place in a suitable container and hold for waste disposal. Ventilate area and wash spill site after material pickup is complete.
Environmental precautions	Do not let product enter drains.

7. Handling and storage

Handling	Further processing of solid materials may result in the formation of combustible dusts. The potential for combustible dust formation should be taken into consideration before additional processing occurs. Provide appropriate exhaust ventilation at places where dust is formed. Do not take internally. Avoid contact with skin, eyes, and clothing.
Storage	Keep containers tightly closed. Store in a dry, cool, well-ventilated area.



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8. Exposure controls / personal protection

Exposure Limits :

Components	ACGIH-TLV Data	OSHA (PEL) Data
Cyanuric acid 108-80-5	Not determined	Not determined

Ventilation requirements Use local exhaust as necessary, especially under dusty conditions.

Personal protective equipment:

- **Respiratory protection** No respirator is required under normal conditions of use. A NIOSH approved respirator with N95 (dust, fume, mist) filters may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits, or when symptoms have been observed that are indicative of overexposure.
- **Hand protection** Nitrile rubber
- **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 thoroughly after handling and before eating or smoking. Safety shower and eye bath should be provided.

9. Physical and chemical properties

Appearance White powder
Odor Not determined
Melting point/range >360°C (>680°F) (Lit.)
Boiling point/range Not determined
Flash point Not determined
Evaporation rate (ether=1) Not determined
Flammable/Explosion limits Not determined
Vapor pressure Not determined
Vapor density Not determined
- Solubility in water Not determined
Partition coefficient (n-octanol/water) Log Kow - -1.31 at 25°C (77°F)
Auto-ignition temperature Not determined



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Decomposition temperature	Not determined
Specific gravity	Not determined

10. Stability and reactivity

Reactivity	No data available
Stability	Stable under normal conditions
Possibility of hazardous reactions	No data available
Conditions to avoid	No data available.
Materials to avoid	Strong oxidizing agents.
Hazardous decomposition products	Cyanic acid, nitrogen oxides, carbon monoxide, carbon dioxide.

11. Toxicological information

Note: *To the best of our knowledge, the toxicological properties of this material have not been thoroughly investigated.*

Acute toxicity:

- Rat oral LD50	>5000 mg/kg
- Rabbit dermal LD50	>5000 mg/kg
- Eye irritation (rabbit)	Not irritant
- Dermal irritation (rabbit)	Not irritant

Dermal sensitization No data available

Chronic toxicity Rat - oral - No observed adverse effect level - 154 mg/kg; Lowest observed adverse effect level - 371 mg/kg (RTECS: XZ1800000)

Mutagenicity Cyanuric acid was demonstrated to be non-mutagenic in the Ames assay, both with or without metabolic activation.



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Carcinogenicity	Cyanuric acid is not known to be a carcinogen. Not classified by IARC, OSHA, EPA. Not included in NTP 13th Report on Carcinogens
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Reproductive toxicity	No data available
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12. Ecological information

Aquatic toxicity :	
- 96 Hour-LC50, Fish	>2,100 mg/l (Fathead minnow)
- 48 hour-LC50, Daphnia magna	>1,000 mg/l (Water flea)

Persistence and degradability	No data available
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Bioaccumulative potential	No data available
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Mobility in soil	No data available
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13. Disposal considerations

Waste disposal	Observe all federal, state and local environmental regulations when disposing of this material
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Disposal of Packaging	Dispose of as unused product.
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14. Transportation information

DOT	Not regulated
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IMDG	Not regulated
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ICAO/IATA	Not regulated
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15. Regulatory information

USA	Reported in the EPA TSCA Inventory.
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- **Emergency overview in accordance to EPA Master Label** White granules or powder
Irritant to eyes and respiratory system.
- **Section 302 (EHS):** Not listed
- **SARA 313** Not listed
- **SARA (311, 312)** Not listed
- **California-Prop 65** This product does not contain any ingredient known to the State of California to cause cancer or reproductive toxicity as listed under the State drinking Water and Toxic Enforcement Act of 1986.

16. Other information

This data sheet contains changes from the previous version in section(s)

1, 2, 4, 5, 6, 7, 8, 9, 10, 11, 12, 15

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

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End of safety data sheet