

# SAFETY DATA SHEET

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## **1. PRODUCT IDENTIFICATION**

Product Name: ISOCYANURIC ACID POWDER  
Synonym(s): Stabilizer  
Recommended Uses: Chlorine Stabilizer  
SDS Reference: 47

Company Information: ALLCHEM PERFORMANCE PRODUCTS, INC. Distributed By: ALLCHEM PERFORMANCE PRODUCTS, INC.  
6010 NW FIRST PLACE 6010 NW FIRST PLACE  
GAINESVILLE, FL 32607 GAINESVILLE FL 32607  
Tel: 352-378-9696  
24 HOUR EMERGENCY NUMBER: INFOTRAC (TRANSPORTATION): 1-800-535-5053

## **2. HAZARD(S) IDENTIFICATION**

Classification: Not subject to GHS classification.  
Signal Word: WARNING  
Hazard Statements: HEALTH HAZARDS:  
May cause slight eye irritation.  
Precautionary Statements: Avoid contact with skin and eyes. Wash thoroughly after handling.  
Eye Contact: May cause slight eye irritation.  
Skin Contact: Not expected to cause skin irritation under normal use conditions.  
Inhalation: Not expected to present a significant inhalation hazard under anticipated conditions of normal use.  
Ingestion: No adverse health effects anticipated from ingestion of incidental amounts of product.

## **3. COMPOSITION**

	<u>PERCENT %</u>	<u>CAS #</u>
Chemical Name: Cyanuric Acid	100	108-80-5

## **4. FIRST AID**

If In Eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If irritation occurs, get medical attention.  
If on Skin or Clothing: Wash contaminated area with soap and water. If irritation persists, get medical attention.  
If Inhaled: No effects expected. If adverse effects occur, remove to uncontaminated area. If symptoms of overexposure occur, get medical attention.  
If Swallowed: No effect expected. If large amounts are ingested, get medical attention.  
Note: Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

## **5. FIREFIGHTING MEASURES**

Suitable / Unsuitable Extinguishing Media: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.  
Specific Hazards from Chemical: There are no unusual fire and explosion hazards known.  
Special Protective Equipment: In the event of fire, wear NIOSH approved positive pressure self-contained breathing apparatus operated in pressure demand mode. Thoroughly decontaminate fire fighting equipment including all fire fighting wearing apparel after the incident.  
Other Information:

## **6. ACCIDENTAL RELEASE MEASURES**

Personal Precautions: Avoid contact with eyes. Avoid generating dust. When handling this material, wear appropriate protective clothing and safety equipment, contain spilled material.  
Methods and Materials for cleanup: Using clean dedicated equipment, sweep and scoop all spilled material, contaminated soil, and other contaminated material and place into clean dry containers for disposal. Do not flush into surface water or sanitary sewer system.

## **7. HANDLING AND STORAGE**

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Handling: Use methods to minimize dust. Observe good personal hygiene practices and recommended procedures. Wash thoroughly after handling. Wear personal protective equipment (see Section 8).

Storage: Keep only in the original container. Keep containers tightly closed in a dry, cool and well-ventilated place. Keep out of reach of children. Keep away from animals.

## **8. EXPOSURE CONTROLS / PERSONAL PROTECTIONS**

OSHA permissible exposure limit: No data available

Appropriate Engineering Controls: General or local exhaust ventilation and other forms of engineering controls are the preferred means for controlling exposures. Ensure compliance with applicable exposure limits.

Individual Protection Measures: Even though this product is not classified as hazardous according to OSHA's 2012 Hazard Communication Standard, good hygiene and safety practices should be followed.  
Eye Protection : Safety glasses with side-shields.  
Hand Protection : Not required under normal use.  
Respiratory Protection : Not required under normal use.  
Hygiene measures : Remove and wash contaminated clothing before re-use.

## **9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance:	White Powder	Flammability (solid/gas):	Not Flammable
Odor:	Odorless	Upper/lower Flammability or Exposure limits:	Not Flammable
Odor Threshold:	No data available	Vapor Pressure:	Not Applicable
pH:	4.8 - 5.2	Vapor Density:	Not Applicable
Melting Point/Freezing Point:	Decomposes without melting	Density:	1.75 g/ml
Initial Boiling Point/Boiling Range:	Not Applicable	Partition Coefficient: n-octanol/water:	Not Applicable
Flash Point:	Not Flammable	Auto-ignition Temperature:	Not Applicable
Evaporation Rate:	Not Applicable	Decomposition Temperature:	662 - 680°F (350-360°C)
		Viscosity:	No data available

## **10. STABILITY AND REACTIVITY**

Stability/Reactivity: Stable under normal storage conditions

Possibilities of Hazardous Reactions: Hazardous Polymerization: Will Not Occur

Conditions to Avoid: High temperatures. Poor ventilation. Contamination. Moisture/high humidity.

Incompatible Materials: Do not mix with other swimming pool/spa chemicals in their concentrated forms. Strong acids. Strong bases. Strong oxidizing agents.

Hazardous Decomposition Materials: Cyanuric acid, Ammonia, oxides of carbon, oxides of nitrogen.

## **11. TOXICOLOGICAL INFORMATION**

Acute Toxicity: Acute oral toxicity : LD50 > 7700 mg/kg (rat)  
Acute dermal toxicity : LD50 > >5000 (rabbit)  
Acute inhalation toxicity : LC50 >5.25 mg/l (rat 4hr)

Skin irritation: slightly irritating (rabbit)  
Eye irritation : mildly irritating (rabbit)

Chronic Toxicity: No data available.

Reproductive Toxicity: Not classified as a reproductive toxin per GHS criteria.

Carcinogenicity: This product is not classified as a carcinogen by NTP, IARC or OSHA.

Mutagenicity: Not classified as a mutagen per GHS criteria.

## **12. ECOLOGICAL INFORMATION**

Aquatic Toxicity: Non toxic to aquatic life.  
Fish:

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LC50 Bluegill sunfish: >1000 mg/l (96 hr)  
LC50 Rainbow trout: >2100 mg/l (96 hr)  
LC 50 Fathead minnow: >2100 mg/l (96 hr)  
LC50 Inland silversides: >8000 (96 hr)

Invertebrate:  
LC50 Water flea: >1000 mg/l (48 hr)  
LC50 Mysid shrimp: 4438 mg/l (96 hr)

Algae:  
EC50 Green algae: 655-712 mg/l (96 hr)  
EC50 Navicula pelliculosa: >3780 mg/l (96 hr)

Avian Toxicity: No data available.

Environmental Hazards: Practically non-toxic to aquatic life. Cyanuric acid is toxic to certain plants including barley and radishes due to the acidic nature of the material.

### **13. DISPOSAL CONSIDERATIONS**

Disposal: Reuse or recycle if possible. Dispose of waste material in compliance with all federal, state, and local regulations.

### **14. TRANSPORTATION INFORMATION**

Package exceptions may be applicable. Refer to the appropriate IMDG, IATA and/or 49 CFR regulations accordingly.

DOT: Not Regulated

### **15. REGULATORY INFORMATION**

TSCA: USA: Reported in the EPA TSCA Inventory.

SARA (311, 312): None

SARA 313: Not regulated

Right To Know Hazardous Substance List: California Proposition 65: This product and is not listed.

Waste Classification: No data available.

Workplace Classification: This product is NOT considered hazardous under the OSHA Hazard Communication Standard (29CFR 1910.1200).

CERCLA Reportable Quantity: Not applicable.

### **16. OTHER INFORMATION**

ALWAYS COMPLY WITH ALL APPLICABLE INTERNATIONAL, FEDERAL, STATE AND LOCAL REGULATIONS REGARDING THE TRANSPORTATION, STORAGE, USE AND DISPOSAL OF THIS CHEMICAL. Due to the changing nature of regulatory requirements, the REGULATORY INFORMATION listed in Section 15 of this document should NOT be considered all-inclusive or authoritative. International, Federal, State and Local regulations should be consulted to determine compliance with all required reporting requirements. The information in this SDS was obtained from sources, which we believe are reliable. HOWEVER, THE INFORMATION IS PROVIDED WITHOUT ANY WARRANTY, EXPRESS OR IMPLIED, REGARDING ITS CORRECTNESS. The conditions or methods of handling, storage, use, and disposal of the product are beyond our control and may be beyond our knowledge. FOR THIS AND OTHER REASONS, WE DO NOT ASSUME RESPONSIBILITY AND EXPRESSLY DISCLAIM LIABILITY FOR LOSS, DAMAGE OR EXPENSE ARISING OUT OF OR IN ANY WAY CONNECTED WITH THE HANDLING, STORAGE, USE OR DISPOSAL OF THE PRODUCT. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable.

HMIS Rating: Health: 1  
Flammability: 0  
Reactivity: 0

NFPA Rating: Health: 1  
Flammability: 0  
Reactivity: 0

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Special Hazard Warning: Not applicable.