



# SAFETY DATA SHEET

## SECTION 1 IDENTIFICATION

Product Name: ECO Stabilizer  
 Chemical Name/Synonyms: Cyanuric Acid, Isocyanuric Acid, Triacyanic acid Manufacturer: Chem One, Inc. 8017 Pinemont Drive #100, Houston, TX 77040-6519  
 Phone Number: (713) 896-9966 Emergency (703) 527-3887

Distributor: Proline Distributors  
 1191 South Rogers Circle, Boca Raton, FL 33487  
 3720 Interstate Park Road, North Riviera Beach, FL, 33404  
 15712 S.W. 41<sup>st</sup> Street, Suite 1, Davie, FL, 33331  
 Telephone: (561)-241-7000, (561)-863-1494, (954)-659-3150

## SECTION 2 HAZARDS IDENTIFICATION

### Classification of the substance or mixture

Not a hazardous substance or mixture.

### GHS Label elements, including precautionary statements

Not a hazardous substance or mixture.

Hazards not otherwise classified (HNOC) or not covered by GHS - none

## SECTION 3 COMPOSITION / INGREDIENTS

Ingredient (s):	%	CAS NO.
Isocyanuric acid (C <sub>3</sub> H <sub>3</sub> N <sub>3</sub> O <sub>3</sub> )	98% wt	108-80-5
Inert Ingredients	2% wt	

## SECTION 4 FIRST AID

### Emergency and First Aid Procedures:

**Eye Contact:** Irrigate with water for at least 15 minutes, including under eyelids. Get medical attention if irritation persists or develops.

**Skin Contact:** Remove contaminated clothing. Flush affected area with large amounts of soap and water for at least 20 minutes. Get medical attention if irritation develops.

**Inhalation:** Remove victim to fresh air. Apply artificial respiration if victim is not breathing. Do not use mouth-to-mouth method if victim ingested or inhaled the substance; induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other respiratory medical device. Administer oxygen if breathing is difficult. Get immediate medical attention.

**Ingestion:** DO NOT INDUCE VOMITING. Have victim rinse mouth, if person is conscious. Never give anything by mouth to an unconscious person. Contact a physician or poison control center if adverse affects occur.

### Note to

**Physician:** Treatment is symptomatic and supportive. There is no specific antidote.

**SECTION 5 FIREFIGHTING MEASURES**

Flash Point:	Non-flammable	Flammable Limits:	NA
Extinguishing Media:	Use extinguishing media suitable for surrounding materials.		
Special Fire Fighting Procedures:	Use NIOSH/MSHA approved positive pressure self-contained breathing apparatus and full protective clothing. Evacuate area of unprotected personnel. Isolate the hazard area and deny unnecessary entry.		
Unusual Fire & Explosion Hazards:	Non-combustible.		
Additional Information:	When heated to decomposition product emits toxic fumes of Isocyanuric Acid gas, carbon monoxide, carbon dioxide and nitrogen oxides.		

Fire Rating System:	<u>NFPA</u>	<u>HMIS</u>
BLUE (HEALTH):	2	2
RED (FIRE):	1	1
YELLOW (REACTIVE):	0	0
OTHER HAZARDS (WHITE)		

**SECTION 6 ACCIDENTAL RELEASE MEASURES**

Steps to be taken if material is Released or Spilled:	Sweep or shovel up and place into suitable container, avoid dust formation.
Waste Disposal Methods:	Dispose in accordance with Federal, State, and local regulations. Chemical additions or otherwise altering the material may make the MSDS incomplete or inappropriate. Waste characterization and disposal compliance is the responsibility of the party generating and disposing of the waste.
Additional Information:	Not an EPA hazardous substance. Plan in advance for such an incident and have the necessary equipment available.

**SECTION 7 HANDLING & STORAGE**

Precautions to be taken in Handling and Storage: Store in closed containers. Store in a cool dry area away from base chemicals. Suggested storage temperature < 25<sup>o</sup>C. Protect from physical damage. Utilize local exhaust if a dusty condition exists. Do not eat, drink, or smoke in handling area.

**SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION**

Respirator Protection:	If dusty conditions exist, use NIOSH approved respirator or an air-purifying respirator.
Ventilation:	Local exhaust ventilation - personnel should not be exposed to effects of the dust.
Eye Protection:	If exposed to dust, wear chemical goggles. Do not wear contact lenses. Eye wash stations should be located in immediate area.
Other Protective Equipment:	Wear full work clothing, including long sleeved shirt and trousers for routine product-handling use. Cotton gloves are usually adequate for dry product.

**SECTION 9 PHYSICAL & CHEMICAL PROPERTIES**

Physical State:	Solid	Spec Gravity:	1.768
pH:	4.8 (saturated aqueous solution)	Solubility in Water	0.3g/100 mL @ 25 <sup>o</sup> C
Appearance and Odor:	White to pale brown granules, odorless		
Boiling Point:	Sublimes at 625 <sup>o</sup> F	Freezing Point:	320 -330 <sup>o</sup> C
Vapor Pressure (mm Hg):	NA	Vapor Density:	NA

**SECTION 10 STABILITY & REACTIVITY**

Stability:	Stable but hygroscopic, may absorb moisture from air.
Incompatibility (Materials to Avoid):	Reaction with oxidizers and alkalis evolves heat of neutralization.
Hazardous Decomposition Products:	Heating to decomposition, product emits toxic fumes of Isocyanuric acid gas, nitrogen oxides and carbon oxides.
Hazardous Polymerization:	Will not occur.
Conditions to Avoid:	Moisture, heat and incompatible materials.

**SECTION 11 TOXICOLOGICAL INFORMATION**

Threshold Limit Value: No ACGIH, NIOSH, or OSHA guidelines listed for this product.  
 Carcinogenicity: Not known to be a carcinogen. Not classified by IARC, NTP, OSHA or EPA.

Exposure limits for Particulates Not Otherwise Classified (PNOC)

OSHA: 15 mg/m<sup>3</sup> TWA (Total Dust)  
 5 mg/m<sup>3</sup> TWA (Respirable fraction)  
 DFG MAK's: 4 mg/m<sup>3</sup> TWA (Inhalation fraction)  
 1.5 mg/m<sup>3</sup> TWA (Respirable fraction)

Acute Effects:

LD50 (oral, rat): 7700 mg/kg  
 LD50 (skin, rabbit): > 5 gm/kg

Chronic Effects: Long term exposure to this product may lead to dermatitis (red, itchy skin).

**SECTION 12 ECOLOGICAL INFORMATION**

No adverse information known

**SECTION 13 DISPOSAL CONSIDERATIONS**

Waste Disposal Methods: Dispose in accordance with Federal, State, and local regulations. Chemical additions or otherwise altering the material may make the MSDS incomplete or inappropriate. Waste characterization and disposal compliance is the responsibility of the party generating and disposing of the waste.

Additional Information: Not an EPA hazardous substance. Plan in advance for such an incident and have the necessary equipment available.

**SECTION 14 TRANSPORTATION INFORMATION**

DOT Proper Shipping Name: Not Regulated

DOT Hazard Class: NA

DOT Identification #: NA

**SECTION 15 REGULATORY INFORMATION**

This material contains no chemical required to be identified under SARA 302, 313 and/or CERCLA.  
 SARA 311 & 312: This product is classified as an immediate health hazard, and fire and reactivity physical hazard.

RQ: None

TPQ: Default 10,000 lbs per SARA 302

**SECTION 16 OTHER INFORMATION**

4/10/08 Revise formatting to GHS standards.

6/01/04 Previous update

6/30/15 Revise Hazards Identification to align with GHS

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