



SAFETY DATA SHEET

Product name Sun Challenger Water Conditioner Granular/Powder
Revision date 5 -27-15

Section 1 Identification

Product ID: Water Conditioner Granular/Powder
Chemical Name: Cyanuric acid, 98.5%
Synonyms: 1,3,5-Triazine-2,4,6-Triol; Pseudocyanuric Acid; Tricyanic Acid.
CAS Number: 108-80-5
Product Use: Pool Stabilizer
Supplier: Oreq Corporation
42306 Remington Avenue
Temecula, CA 92590
951-296-5076

Emergency Phone# Chemtrec: 1-800-424-9300

Section 2 Hazards identification

EMERGENCY OVERVIEW CAUTION

Appearance: White Granular
May cause eye and skin irritation.
May cause respiratory and digestive tract irritation.
Hygroscopic (absorbs moisture from the air).
The toxicological properties of this material have not been fully investigated.

Precautionary Statement(s):

P262 - Do not get in eyes, on skin, or on clothing.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P304+312 - IF INHALED: Call a POISON CENTER or doctor/physician if you feel unwell.
P101 - If medical advice is needed, have product container or label at hand.
P302+352 - IF ON SKIN: Wash with plenty of water

Potential Health Effects

Eye: May cause eye irritation.
Skin: May cause skin irritation.
Ingestion: May cause irritation of the digestive tract. The toxicological properties of this substance have not been fully investigated.
Inhalation: May cause respiratory tract irritation. The toxicological properties of this substance have not been fully investigated.
Chronic: No information found.

Section 3 Composition / Information on ingredients

<u>Component</u>	<u>CAS Number</u>	<u>Percent</u>	<u>EINECS / ELINCS</u>
Cyanuric Acid	108-80-5	98.5%	203-618-0



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Section 4 First - aid measures

- Eyes:** Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.
- Skin:** Get medical aid. Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse.
- Ingestion:** Never give anything by mouth to an unconscious person. Get medical aid. Do NOT induce vomiting. If conscious and alert, rinse mouth and drink 2-4 cup full of milk or water.
- Inhalation:** Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid.

Notes to Physician: Treat symptomatically and supportively.

Section 5 Fire - fighting measures

- General Information:** As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion. Runoff from fire control or dilution water may cause pollution.
- Extinguishing Media:** Use agent most appropriate to extinguish fire. Use water spray, dry chemical, carbon dioxide, or appropriate foam.
- Flash Point:** Not applicable.
- Autoignition Temperature:** Not applicable.
- Explosion Limits, Lower:** Not available.
- Upper:** Not available.

Section 6 Accidental release measures

- General Information:** Use proper personal protective equipment as indicated in Section 8.
- Spills/Leaks:** Vacuum or sweep up material and place into a suitable disposal container. Clean up spills immediately, observing precautions in the Protective Equipment section. Avoid generating dusty conditions. Provide ventilation.

Section 7 Handling and storage

- Handling:** Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Use with adequate ventilation. Minimize dust generation and accumulation. Avoid contact with eyes, skin, and clothing. Keep container tightly closed. Avoid ingestion and inhalation.
- Storage:** Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances. Store protected from moisture.



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Section 8 Exposure controls / personal protection

Exposure Limits

CHEMICAL NAME	ACGIH	NIOSH	OSHA – Final PELs
Cyanuric Acid	None listed	None listed	None listed

Engineering Controls: Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate ventilation to keep airborne concentrations low.

OSHA Vacated PELs: Cyanuric Acid: No OSHA Vacated PELs are listed for this chemical.

Personal Protective Equipment

Eyes: Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

Skin: Wear appropriate protective gloves to prevent skin exposure.

Clothing: Wear appropriate protective clothing to prevent skin exposure.

Respirators: Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

Section 9 Physical and chemical properties

Physical State: Granular
Appearance: White
Odor: None reported.
pH: Not available.
Vapor Pressure: Not available.
Vapor Density: Not available.
Evaporation Rate: Not available.
Viscosity: Not available.
Boiling Point: Not available.
Freezing/Melting Point: > 360 deg C
Decomposition Temperature: Not available.
Solubility: 0.3 G/100ML (25 °C)
Specific Gravity/Density: Not available.
Molecular Formula: C3H3N3O3
Molecular Weight: 129.07

Section 10 Stability and reactivity

Chemical Stability: Stable under normal temperatures and pressures.
Conditions to Avoid: Incompatible materials, dust generation, excess heat, strong oxidants, exposure to moist air or water.
Incompatibilities with Other Materials: Oxidizing agents, moisture.
Hazardous Decomposition Products: Nitrogen oxides, carbon monoxide, carbon dioxide, nitrogen.
Hazardous Polymerization: Has not been reported.



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Section 11 Toxicological information

RTECS#: XZ1800000

CAS# 108-80-5

LD50/LC50:

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Draize test, rabbit, eye: 500 mg/24H Mild;

Oral, mouse: LD50 = 3400 mg/kg;

Oral, rat: LD50 = 7700 mg/kg;

Skin, rabbit: LD50 = >5 gm/kg;

Carcinogenicity:

CAS# 108-80-5: Not listed by ACGIH, IARC, NTP, or CA Prop 65.

Epidemiology: No information found

Teratogenicity: No information found

Reproductive Effects: No information found

Mutagenicity: No information found

Neurotoxicity: No information found

Other Studies:

Section 12 Ecological information

No information available.

Section 13 Disposal considerations

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261.3. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

RCRA P-Series: None listed.

RCRA U-Series: None listed.

Section 14 Transport information

	US DOT	Canada TDG
Shipping Name:	Not regulated as a hazardous material	No information available
Hazard Class		
UN Number:		
Packing Group:		

Section 15 Regulatory information

US FEDERAL

TSCA - CAS# 108-80-5 is listed on the TSCA inventory.

Health & Safety Reporting List - None of the chemicals are on the Health & Safety Reporting List.

Chemical Test Rules - None of the chemicals in this product are under a Chemical Test Rule.

Section 12b - None of the chemicals are listed under TSCA Section 12b.

TSCA Significant New Use Rule

None of the chemicals in this material have a SNUR under TSCA.



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Section 15 Regulatory information (Continued)

CERCLA Hazardous Substances and corresponding RQs

None of the chemicals in this material have an RQ.

SARA Section 302 Extremely Hazardous Substances

None of the chemicals in this product have a TPQ.

Section 313 No chemicals are reportable under Section 313.

Clean Air Act:

This material does not contain any hazardous air pollutants nor Class 1 or Class 2 Ozone depletors

Clean Water Act:

None of the chemicals in this product are listed as Hazardous Substances under the CWA.

None of the chemicals in this product are listed as Priority Pollutants under the CWA.

None of the chemicals in this product are listed as Toxic Pollutants under the CWA.

OSHA Regulatory Status: This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.122). Not a dangerous substance or mixture according to the **Globally Harmonized System (GHS)**.

STATE

CAS# 108-80-5 can be found on the following state right to know lists: Minnesota.

California Prop 65: California No Significant Risk Level: None of the chemicals in this product are listed.

European/International Regulations

European Labeling in Accordance with EC Directives

Hazard Symbols: Not available.

Risk Phrases:

Safety Phrases:

S 24/25 Avoid contact with skin and eyes.

S 37 Wear suitable gloves.

S 45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

S 28A After contact with skin, wash immediately with plenty of water.

WGK (Water Danger/Protection) CAS# 108-80-5: No information available.

Canada - DSL/NDL CAS# 108-80-5 is listed on Canada's DSL List.

Canada - WHMIS

WHMIS: Not available.

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the SDS contains all of the information required by those regulations.

Canadian Ingredient Disclosure List - CAS# 108-80-5 is listed on the Canadian Ingredient Disclosure List.

Section 16 Other information

NFPA Rating: (Estimated) Health: 1; Flammability: 0; Instability: 0

DATE OF PREPARATION

5-27-2015

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