SAFETY DATA SHEET

1. Product and Company Identification

Product Name: Omega Stabilizer

Alternate Product: Cyanuric Acid, 2,4,6-trihydroxy-1, 3, 5 triazine

Chemical Formula: $C_3H_3N_3O_3$

General Use: Used in swim pool water to extend chlorine life

This chemical is certified ANSI/NSF Standard 60, Drinking Water Chemicals – Health Effects (as packaged in the original, unopened container).

Manufacturer:	**Emergency Telephone Numbers:**	**Supplied by:**
QUALCO, INC.	800-424-9300 (CHEMTREC – US)	Baystate Pool Supplies, Inc.
225 Passaic Street	973-473-1222 (Qualco, Inc.)	26 Smith Place
Passaic, NJ 07936		Cambridge, MA 02138

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

3. Composition & Information on Ingredients

Chemical Name	**CAS #**	**Wt. %**	**EC No.**
Cyanuric Acid	105-80-5	129.07 g/mol	203-618-0

Synonyms: CYA, stabilizer, 2,4,6-trihydroxy-1, 3, 5 triazine

Component: Cyanuric Acid <=100%

4. First Aid Measures

Eyes: Immediately flush with water for at least 15 minutes, lifting the upper and lower eyelids intermittently. See a medical doctor or ophthalmologist as necessary.
Skin: Wash with plenty of soap and water. If skin irritation persist, seek medical attention.
Ingestion: Rinse mouth with water. Dilute by giving 1 or 2 glasses of water. Do not induce vomiting. Never give anything by mouth to an unconscious person. See a medical doctor immediately.

Inhalation: Remove to fresh air. If breathing is difficult or discomfort occurs and persists, obtain medical attention. If person is not breathing, give artificial respiration. Get immediate medical attention
Important symptoms and effects, both acute and delayed: The most important known symptoms and effects are described in the labeling (see Section 2.2) and in Section 11.
Indication of any immediate medical attention and special treatment needed: No data available.

5. Fire Fighting Measures

Extinguishing Media:
Suitable Extinguishing Media: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide
Special Hazards Arising from the substance or mixture: Carbon oxides, Nitrogen oxides (NOx)
Advice for firefighters: Wear self-contained breathing apparatus for firefighting if necessary.
Further Information: No data available

6. Accidental Release Measures

Personal Precautions: Avoid dust formation. Avoid breathing vapors, mist or gas. For personal protection, see Section 8.
Environmental Precautions: No special environmental precautions required.
Methods and materials for containment and cleaning up: Sweep up and shovel. Keep in suitable closed containers for disposal.
Reference to other sections: For disposal, see section 13.

7. Handling and Storage

Handling: Further processing of solid materials may result in the formulation 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. For precautions, see section 2.2.
Storage: Keep container tightly closed in a dry, well ventilated place.
Specific End Uses: Apart from the uses mentioned in Section 1.2 no other specific uses are stipulated.

8. Exposure Controls / Personal Protection

Control Parameters:
Components with workplace control parameters

Component	CAS No.		Value	Control Parameters	Basis
Cyanuric Acid	108-80-5	TWA	10.000000 mg/m3		USA workplace Environmental Exposure Level
		TWA	10.000000 mg/m3		USA workplace Environmental Exposure Level

Exposure Controls:
Appropriate Engineering Controls: General industrial hygiene practice.
Personal Protective Equipment:
Eye/Face Protection: Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EH 166(EU).

Skin Protection: Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Full or Splash Contact: Material-Nitrite Rubber. Minimum layer thickness 0.11 mm, Break through time-480 minutes.

If used in solution, or mixed with other substances, and under conditions which differ from EN 374, contact the supplier of the CE approved gloves. This recommendation is advisory only and must be evaluated by an industrial hygienist and safety officer familiar with the specific situation of anticipated use by our customers, It should not be construed as offering an approval for any specific use scenario.

Body Protection: Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work place. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory: Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Control of Environmental Exposure: No special environmental precautions required.

9. Physical and Chemical Properties

Material is a Solid at normal conditions. (molecular wt. = 129.07)

Odor: Odorless

Appearance and Color: White, granular solid

Auto ignition Temperature: Not applicable

Decomposition Temperature: No data available

Coefficient of Oil/Water: log Pow: -1.31 at 25^{o}C (77^{o}F)

Flammability: No data available

F**lash Point:** Not flammable

Melting Point: >360^{o}C (>680^{o}F)

Odor Threshold: Not applicable

Oxidizing Properties: Not Applicable

pH: No data available

Evaporation Rate: No data available

Solubility In Water: No data available

Viscosity: No data available

Vapor Density: Not applicable

Vapor Pressure: Not applicable

Explosive Properties: No data available

10. Stability and Reactivity

Conditions To Avoid: No data available.

Stability: Stable under recommended storage conditions

Polymerization: Will Not Occur

Incompatible Materials: Strong Oxidizing Agents

Hazardous Decomposition Products: Other decomposition products – No data available. In the event of fire, see Section 5.

11. Toxicological Information

Acute Toxicity:
LD50 Oral – Rate – male and female - > 5,000 mg/kg (Fixed Dose Method)
Inhalation: No data available
LD50 Dermal – Rabbit – male and female - > 5,000 mg/kg (OECD Test Guideline 402) – No data available
Skin Corrosion/Irritation:
Skin – Rabbit - Result: No Skin Irritation (OECD Test Guideline 404)
Serious Eye Damage?Eye Irritation:
Eyes – Rabbit – Result: No skin Irritation (OECD Test Guideline 404)
Respiratory or skin sensitization:
No data available
Germ Cell Mutagenicity:
In vitro assay – s. typhimurium – Result negative
Carcinogenicity:
Carcinogenicity – Mouse – Skin – Liver Tumors
Carcinogenicity – Rat – Oral – Tumorigenic: Equivocal tumorigenic agent by RTECS criteria: Blood Lymphomas including Hodgkin's disease.
IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.
NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.
Reproductive Toxicity: No data available
Specific target organ toxicity – single exposure: No data available
Specific Target organ toxicity – repeated exposure: No data available
Aspiration Hazard: No data available
Additional Information: Repeated dose toxicity – Rat - male – Oral – No observed adverse effect level – 154 mg/kg – Lowest observed adverse effect level – 371 mg/kg
RTECS: XZ1800000
To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated

12. Ecological Information

Toxicity:
Toxicity To Fish: Static Test LC50 – Pimephales promelas (fathead minnow) - > 2, 100 mg/l – 96 l

Toxicity to Daphnia and other aquatic invertevrates: Static Test LC50 – Daphnia magna (Water flea) - >1,000 mg/l – 48 hr.
Persistence and degradability: No data available
Bioaccumulative potential: No data available
Mobility in soil: No data available
Results of PBT and vPvB assessment: PBT/vPvB assessment not available as chemical safety assessment not required/not conducted
Other Adverse Effects: No data available

13. Disposal Considerations

Waste Treatmentl Method:
Product: Offer surplus and non-recyclable solutions to a licensed disposal company.
Contaminated Packaging: Dispose of as unused product.

14. Transportation Considerations

US Dept. Of Transportation (DOT)
Proper Shipping Name: Not Regulated
Primary Hazard Class / Division: Not Applicable
UN / NA Number: None
Label(s), Placard(s), Marking(s): Not Applicable
Additional Information:
Hazardous Substance / RQ: Not Applicable
49 STCC Number: Not Applicable
International Maritime Dangerous Goods: Not regulated

15. Regulatory Information

United States
SARA Title III (Superfund Amendments and Reauthorization Act)
Section 302 Extremely Hazardous Substances (40 CFR 355, Appendix A): No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.
Section 311 Hazard Categories (40 CFR 370): No Hazards
Section 312 Threshold Planning Quantity (40 CFR 370): No Hazards
Section 313 Reportable Ingredients (40 CFR 372): This material does not contain any chemical components with known CAS numbers that exceed the threshold (DeMinimus) reporting levels established by SARA Title III, Section 313.
Massachusetts Right To Know Components: No components are subject to Massachusetts Right To Know Act.
New Jersey Right To know Components: Cyanuric acid (CAS #108-80-5)
Pennsylvania Right To know Components: Cyanuric acid (CAS #108-80-5)
California Prop. 65 Components: This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

16. Other Information

HMIS

Health: 0
Flammability: 0
Physical Hazard: 0
Personal Protection (PPE)*: B
*Protection = B (Safety glasses and gloves)
HMIS: Hazardous Material Identification System
Degree of Hazard Code:
4 = Severe
3 = Serious
2 = Moderate
1 = Slight
0 = Minimal

NFPA

Health: 0
Flammability: 0
Reactivity: 0
Special: None
No Special Requirements
NFPA: National Fire Protection Association
Degree of Hazard Code:
4 = Extreme
3 = High
2 = Moderate
1 = Slight
0 = Insignificant

Other Information:

The information given corresponds to the current state of our knowledge and experience of the product, and is not exhaustive. This applies to product which conforms to the specification, unless otherwise stated. In this case of combinations and mixtures one must make sure that no new dangers can arise. In any case, the user is not exempt from observing all legal, administrative and regulatory procedures relating to the product, personal hygiene, and protection of human welfare and the environment.

The Safety Data Sheet is offered for your information, consideration and investigation as required by Federal Hazardous Products Act and related legislation. The information is believed to be accurate but provides no warranties, either expressed or implied.

Date Prepared: 8-20-15 Rev. 3