

# SAFETY DATA SHEET

Revision date: 07-December-2016

Version: 2.0

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## 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND THE COMPANY/UNDERTAKING

### Product Identifier

**Product Name:** Omega Winter Aid

**Trade Name:** Winter Aid  
**Synonyms:** None  
**Chemical Family:** Winter treatment

### Relevant Identified Uses of the Substance or Mixture and Uses Advised Against

**Intended Use:** Swimming Pool Use  
**Restrictions on Use:** Not for human use

### Details of the Supplier of the Safety Data Sheet

Qualco, Inc.  
225 Passaic Street  
Passaic, New Jersey 07932 (USA)  
Phone: 973-473-1222 Fax: 973-473-0535  
Emergency Services Phone: CHEMTREC 1-800-424-9300

BAYSTATE POOLS, INC.  
691 Concord Avenue  
Cambridge, MA 02138  
Phone: 617-547-9145

Emergency telephone number:  
International CHEMTREC (24 hours): +1-703-527-3887

## 2. HAZARDS IDENTIFICATION

**Appearance:** Liquid

### Classification of the Substance or Mixture

#### GHS - Classification

Serious Eye Damage/Eye Irritation: Category 2A

#### US OSHA Specific - Classification

**Physical Hazard:** Skin irritant

#### EU Classification:

EU Indication of danger: Xi - Irritant

EU Risk Phrases:  
Irritating to eyes.

### Label Elements

**Signal Word:** Caution  
**Hazard Statements:** Causes serious eye irritation

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### Precautionary Statements:

Keep away from heat/sparks/open flames/hot surfaces. - No smoking  
Wear protective gloves/protective clothing/eye protection/face protection  
Wash hands thoroughly after handling  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
If eye irritation persists: Get medical advice/attention



### Other Hazards

#### Short Term:

Causes eye irritation. Signs and symptoms might include redness, swelling, blurred vision or pain. May be harmful if swallowed. May cause mucous membrane and respiratory tract irritation. May cause mild skin irritation (based on animal data).  
Hazardous Substance. Non-Dangerous Goods.

### Australian Hazard Classification (NOHSC):

#### Note:

This document has been prepared in accordance with standards for workplace safety, which requires the inclusion of all known hazards of the product or its ingredients regardless of the potential risk. The precautionary statements and warning included may not apply in all cases. Your needs may vary depending upon the potential for exposure in your workplace.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

### Hazardous

Ingredient	CAS Number	EU EINECS/ELINCS List	EU Classification	GHS Classification	%
Citric acid, anhydrous	77-92-9	201-069-1	Xi; R36	Eye Irrit. 2A (H319)	2-8
Sodium Hydroxide	1310-73-2			Skin Irrit. 3 (H316)	1-6
Copper Sulfate Pentahydrate	7758-99-8			Acute Tox. 5 (H303)	2-9
Water	7732-18-5				79-94

### Additional Information:

Ingredient(s) indicated as hazardous have been assessed under standards for workplace safety.

For the full text of the R phrases and CLP/GHS abbreviations mentioned in this Section, see Section 16

## 4. FIRST AID MEASURES

### Description of First Aid Measures

#### Eye Contact:

Flush with water while holding eyelids open for at least 15 minutes. Seek medical attention immediately.

#### Skin Contact:

Remove contaminated clothing. Flush area with large amounts of water. Use soap. Seek medical attention.

#### Ingestion:

Never give anything by mouth to an unconscious person. Wash out mouth with water. Do not induce vomiting unless directed by medical personnel. Seek medical attention immediately.

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**Inhalation:** Remove to fresh air and keep patient at rest. Seek medical attention immediately.

### Most Important Symptoms and Effects, Both Acute and Delayed

**Symptoms and Effects of Exposure:** For information on potential signs and symptoms of exposure, See Section 2 - Hazards Identification and/or Section 11 - Toxicological Information.  
**Medical Conditions Aggravated by Exposure:** Breathing dust may worsen asthma symptoms.

### Indication of the Immediate Medical Attention and Special Treatment Needed

**Notes to Physician:** None

## 5. FIRE-FIGHTING MEASURES

**Extinguishing Media:** Extinguish fires with CO2, extinguishing powder, foam, or water.

### Special Hazards Arising from the Substance or Mixture

**Hazardous Combustion Products:** Formation of toxic gases is possible during heating or fire.

**Fire / Explosion Hazards:** Containers may explode from internal pressure if confined to fire. Cool with water spray.

### Advice for Fire-Fighters

During all fire fighting activities, wear appropriate protective equipment, including self-contained breathing apparatus.

## 6. ACCIDENTAL RELEASE MEASURES

### Personal Precautions, Protective Equipment and Emergency Procedures

Avoid dust formation. Personnel involved in clean-up should wear appropriate personal protective equipment (see Section 8). Minimize exposure.

### Environmental Precautions

Place waste in an appropriately labeled, sealed container for disposal. Care should be taken to avoid environmental release.

### Methods and Material for Containment and Cleaning Up

**Measures for Cleaning / Collecting:** Collect spilled material and place in a sealed bag or container and dispose. Use absorbent material to wipe up spill and place in a sealed container for disposal. Ventilate area and wash spill site after material pickup is complete. See Section 8 and 13 for further information.

**Additional Consideration for Large Spills:** Non-essential personnel should be evacuated from affected area. Report emergency situations immediately. Clean up operations should only be undertaken by trained personnel. Collect spill with a non-combustible absorbent material and transfer to labeled container for disposal.

## 7. HANDLING AND STORAGE

### Precautions for Safe Handling

Avoid contact with eyes, skin and clothing. Wear gloves and safety goggles. Do not inhale vapors and fumes. Wash thoroughly after handling. Use only with adequate ventilation. Do not take internally.

### Conditions for Safe Storage, Including any Incompatibilities

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<b>Storage Conditions:</b>	Keep in a cool, well-ventilated place. Keep away from heat, sparks, flame, and other sources of ignition. Store away from direct sunlight. Keep container tightly closed when not in use. Store at temperatures below 44°C (110°F) Deteriorates at extremely high temperatures.
<b>Storage Temperature:</b>	
<b>Incompatible Materials:</b>	Strong bases, alkali metals, organic acids, oxides of sulfur, moisture
<b>Specific end use(s):</b>	No data available

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

#### Control Parameters

No Occupational Exposure Limit (OEL) or Short Term Exposure Limit (STEL) has been identified.

#### Exposure Controls

<b>Engineering Controls:</b>	Engineering controls should be used as the primary means to control exposures. Ventilation rates should be matched to conditions.
<b>Personal Protective Equipment:</b>	Refer to applicable national standards and regulations in the selection and use of personal protective equipment (PPE).
<b>Hands:</b>	Wear impervious gloves if skin contact is possible.
<b>Eyes:</b>	Safety glasses or goggles
<b>Skin:</b>	Use protective clothing (uniforms, lab coats, disposable coveralls, etc.) in both production and laboratory areas.
<b>Respiratory protection:</b>	Whenever excessive air contamination (dust, mist, vapor) is generated, respiratory protection, with appropriate protection factors, should be used to minimize exposure.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical State:</b>	Liquid	<b>Color:</b>	light blue liquid
<b>Odor:</b>	Odorless	<b>Odor Threshold:</b>	No data available.
		<b>Molecular Weight:</b>	192.12
<b>Solvent Solubility:</b>	No data		
<b>Volatility:</b>	No data		
<b>Water Solubility:</b>	Complete		
<b>pH:</b>	No data available		
<b>Melting/Freezing Point (°C):</b>	0C/32F		
<b>Boiling Point (°C):</b>	(1390C/2534F)		
<b>Partition Coefficient: (Method, pH, Endpoint, Value)</b>			
No data available			
<b>Decomposition Temperature (°C):</b>	No data available.		
<b>Evaporation Rate (Gram/s):</b>	No data available		
<b>Vapor Pressure (kPa):</b>	No data available		
<b>Vapor Density (g/ml):</b>	No data available		
<b>Relative Density:</b>	No data available		
<b>Specific Gravity:</b>	1.98		
<b>Viscosity:</b>	No data available		
<b>Flammability:</b>			
<b>Autoignition Temperature (Solid) (°C):</b>	No data available		
<b>Flammability (Solids):</b>	No data available		
<b>Flash Point (Liquid) (°C):</b>	No data available		
<b>Upper Explosive Limits (Liquid) (% by Vol.):</b>	No data available		
<b>Lower Explosive Limits (Liquid) (% by Vol.):</b>	No data available		

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### 10. STABILITY AND REACTIVITY

<b>Reactivity:</b>	No data available
<b>Chemical Stability:</b>	Stable under normal conditions of use.
<b>Possibility of Hazardous Reactions</b>	
<b>Oxidizing Properties:</b>	No data available
<b>Conditions to Avoid:</b>	Keep away from heat, spark, flames and all other sources of ignition. Avoid contact with aluminum, tin, zinc, leather and organic halogen or nitro compounds. Can react with various sugars to produce carbon monoxide. Precautions should be taken to ensure safety.
<b>Incompatible Materials:</b>	Strong bases, alkali metals, organic acids, oxides of sulfur.
<b>Hazardous Decomposition Products:</b>	Thermal decomposition products may include carbon monoxide, carbon dioxide and other toxic vapors.

### 11. TOXICOLOGICAL INFORMATION

#### Information on Toxicological Effects

**General Information:** The information included in this section describes the potential hazards of the active ingredient. Toxicological properties have not been thoroughly investigated. Routes of exposure: eye contact , skin contact , inhalation

Rat    Oral    LD50 3000 mg/kg

<b>Inhalation Acute Toxicity</b>	May cause respiratory tract and mucous membrane irritation
<b>Ingestion Acute Toxicity</b>	May be harmful if swallowed

Eye Irritation	Rabbit	Severe
Skin Irritation	Rabbit	Mild

<b>Irritation / Sensitization Comments:</b>	May cause eye irritation.
<b>Skin Irritation / Sensitization</b>	May cause mild skin irritation.

**Carcinogen Status:** Not listed as a carcinogen by IARC, NTP or US OSHA.

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### 12. ECOLOGICAL INFORMATION

**Environmental Overview:** The environmental characteristics of this material have not been fully evaluated. Releases to the environment should be avoided.

**Toxicity:**

**Aquatic Toxicity: (Species, Method, End Point, Duration, Result)**

*Daphnia magna* (Water Flea) EC50 72 Hours 120 mg/L

**Persistence and Degradability:** No data available

**Bio-accumulative Potential:** No data available

**Mobility in Soil:** No data available

### 13. DISPOSAL CONSIDERATIONS

**Waste Treatment Methods:** Dispose of waste in accordance with all applicable laws and regulations. Member State specific and Community specific provisions must be considered. Considering the relevant known environmental and human health hazards of the material, review and implement appropriate technical and procedural waste water and waste disposal measures to prevent occupational exposure and environmental release. It is recommended that waste minimization be practiced. The best available technology should be utilized to prevent environmental releases. This may include destructive techniques for waste and wastewater.

### 14. TRANSPORT INFORMATION

The following refers to all modes of transportation unless specified below.

Not regulated for transport under USDOT, EUADR, IATA, or IMDG regulations.

### 15. REGULATORY INFORMATION

**Safety, Health and Environmental Regulations/Legislation Specific for the Substance or Mixture**

**WHMIS: Classifications**

**WHMIS hazard class:**

Class D, Division 2, Subdivision B

This product has been classified in accordance with the hazard criteria of the CPR and the SDS contains all of the information required by the CPR.

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### 15. REGULATORY INFORMATION

#### Citric acid, anhydrous

CERCLA/SARA 313 Emission reporting	Not Listed
California Proposition 65	Not Listed
Inventory - United States TSCA - Sect. 8(b)	Present
Australia (AICS):	Present
EU EINECS/ELINCS List	201-069-1

### 16. OTHER INFORMATION

#### Text of R phrases and GHS Classification abbreviations mentioned in Section 3

Acute toxicity, oral-Cat.5; H303 - May be harmful if swallowed  
Serious eye damage/eye irritation-Cat.2A; H319 - Causes serious eye irritation  
Skin corrosion/irritation-Cat.3; H316 - Causes mild skin irritation

#### HMIS RATING:

Health = 2  
Flammability = 0  
Reactivity = 0  
Personal Protection - H

#### Data Sources:

#### Reasons for Revision:

The data contained in this SDS may have been gathered from confidential internal sources, raw material suppliers, or from the published literature.

Updated Section 1 - Identification of the Substance/Preparation and the Company/Undertaking. Updated Section 2 - Hazard Identification. Updated Section 3 - Composition / Information on Ingredients. Updated Section 11 - Toxicology Information. Updated Section 12 - Ecological Information. Updated Section 6 - Accidental Release Measures. Updated Section 7 - Handling and Storage. Updated Section 8 - Exposure Controls / Personal Protection. Updated Section 9 - Physical and Chemical Properties. Updated Section 10 - Stability and Reactivity. Updated Section 15 - Regulatory Informationn

Qualco Inc. believes that the information contained in this Safety Data Sheet is accurate, and while it is provided in good faith, it is without warranty of any kind, expressed or implied. If data for a hazard are not included in this document there is no known information at this time.

End of Safety Data Sheet