

# Safety Data Sheet: CHEM-AQUA 84880

Supersedes Date 08/25/2010

Issuing Date 08/12/2014

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name** CHEM-AQUA 84880  
**Recommended use** Water treatment chemical  
**Information on Manufacturer**  
CHEM-AQUA, INC  
BOX 152170  
IRVING, TEXAS 75015

**Product Code** 0C91  
**Chemical nature** Polymer suspension (as an emulsion)  
**Emergency Telephone Number**  
CHEMTREC® 800-424-9300  
**Telephone inquiry**  
972-579-2477

## 2. HAZARD IDENTIFICATION

**Color** Milky White

**Physical State** Liquid

**Odor** Aliphatic

### GHS

#### Classification

##### Physical Hazards

None

##### Health Hazard

None

##### Other hazards

None

### Labeling

#### Signal Word

Not classified

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

The product contains no substances which at their given concentration, are considered to be hazardous to health.

## 4. FIRST AID MEASURES

### General advice

Avoid contact with skin, eyes and clothing.

### Eye Contact

Rinse thoroughly with plenty of water, also under the eyelids. Get medical attention if irritation develops and persists.

### Skin Contact

Wipe up with absorbent material (e.g. cloth, fleece). Wash off with soap and plenty of water. Get medical attention if irritation develops and persists. Wash contaminated clothing before re-use.

### Inhalation

If inhaled, remove to fresh air. Get medical attention if symptoms occur.

### Ingestion

Drink 1 or 2 glasses of water. Do NOT induce vomiting. Get medical attention if symptoms occur.

### Notes to physician

Treat symptomatically

## 5. FIRE-FIGHTING MEASURES

**Flash Point** Does not flash

**Method** Not applicable

**Flammability Limits in Air %** Not applicable.

**Upper** No data available **Lower** No data available

### Suitable Extinguishing Media

Foam. Water spray. Carbon dioxide (CO<sub>2</sub>). Dry chemical. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

### Specific hazards arising from the chemical

Material can create slippery conditions.

### Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**NFPA** **Health** 1

**Flammability** 1

**Instability** 0

**HMIS** **Health** 1

**Flammability** 1

**Instability** 0

## 6. ACCIDENTAL RELEASE MEASURES

<b>Personal Precautions</b>	Use personal protective equipment. Prevent further leakage or spillage if safe to do so. Solutions extremely slippery when spilled.
<b>Environmental Precautions</b>	No special environmental precautions required.
<b>Methods for Containment</b>	Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).
<b>Methods for Cleaning Up</b>	Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust)
<b>Neutralizing Agent</b>	Not applicable.

**7. HANDLING AND STORAGE**

<b>Handling</b>	Avoid contact with skin, eyes and clothing.			
<b>Storage</b>	Keep away from heat and sources of ignition. Store in original container. Keep containers tightly closed in a dry, cool and well-ventilated place. Freezing will affect the physical condition but will not damage the material. Thaw and mix before using.			
<b>Storage Temperature</b>	<b>Minimum</b>	30 °F / -1 °C	<b>Maximum</b>	86 °F / 30 °C
<b>Storage Conditions</b>	<b>Indoor</b>	X	<b>Outdoor</b>	<b>Heated</b> <b>Refrigerated</b>

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

<b>Exposure Guidelines</b>	
<b>Engineering Measures</b>	Ensure adequate ventilation, especially in confined areas.
<b>Personal Protective Equipment</b>	
<b>Eye/Face Protection</b>	Safety glasses with side-shields.
<b>Skin Protection</b>	For prolonged or repeated contact, use protective gloves with appropriate chemical resistance.
<b>Respiratory Protection</b>	In case of insufficient ventilation wear suitable respiratory equipment.
<b>General Hygiene Considerations</b>	Ensure that eyewash stations and safety showers are close to the workstation location. Remove and wash contaminated clothing before re-use.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Physical State</b>	Liquid	<b>Viscosity</b>	Viscous
<b>Color</b>	Milky White	<b>Odor</b>	Aliphatic
<b>Odor Threshold</b>	Not applicable	<b>Appearance</b>	Opaque
<b>pH</b>	4-6 @ 5 g/L	<b>Specific Gravity</b>	1.03
<b>Evaporation Rate</b>	<1 (Butyl acetate=1)	<b>Percent Volatile (Volume)</b>	54
<b>VOC Content (%)</b>	25	<b>VOC Content (g/L)</b>	257.5
<b>Vapor Pressure</b>	0.03 mmHg @ 70°F	<b>Vapor Density</b>	6.7 (Air = 1.0)
<b>Solubility</b>	Dispersible	<b>n-Octanol/Water Partition</b>	No data available
<b>Melting Point/Range</b>	No data available	<b>Decomposition Temperature</b>	No data available
<b>Boiling Point/Range</b>	> 242 °F / 117 °C	<b>Flammability (solid, gas)</b>	No data available
<b>Flash Point</b>	Does not flash	<b>Method</b>	Not applicable
<b>Autoignition Temperature</b>	No information available.		
<b>Flammability Limits in Air %</b>	Not applicable.	<b>Upper</b>	No data available
		<b>Lower</b>	No data available

**10. STABILITY AND REACTIVITY**

<b>Chemical Stability</b>	Stable. Hazardous polymerization does not occur.
<b>Conditions to Avoid</b>	None known
<b>Incompatible Products</b>	Strong oxidizing agents
<b>Hazardous Decomposition Products</b>	Carbon oxides, Nitrogen oxides (NOx), Hydrogen chloride gas.
<b>Possibility of Hazardous Reactions</b>	None under normal processing

**11. TOXICOLOGICAL INFORMATION**

<b>Product Information</b>	
<b>The following values are calculated based on chapter 3.1 of the GHS document (Rev. 3, 2009):</b>	
<b>Oral LD50</b>	> 5000
<b>Dermal LD50</b>	> 5000
<b>Inhalation LC50</b>	
<b>Gas</b>	No information available
<b>Mist</b>	No information available
<b>Vapor</b>	No information available
<b>Principle Route of Exposure</b>	Skin contact, Eye contact, Inhalation.
<b>Primary Routes of Entry</b>	Inhalation

**Acute Effects**  
**Eyes** May cause eye irritation.  
**Skin** May cause skin irritation.  
**Inhalation** Low hazard for usual industrial or commercial handling.  
**Ingestion** Low hazard for usual industrial or commercial handling.  
**Chronic Toxicity** None known.  
**Target Organ Effects** Skin  
**Aggravated Medical Conditions** Skin disorders  
 Component Information  
**Acute Toxicity**  
  
**Chronic Toxicity** None known  
  
**Carcinogenicity** There are no known carcinogenic chemicals in this product.

**12. ECOLOGICAL INFORMATION**

Product Information

<b>Toxicity to fish</b> LC50 = 10-100 mg/L 96 h	<b>Daphnia magna (Water flea)</b> LC50 = 10-100 mg/L 48 h
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Component Information

**Persistence and Degradability** No information available.  
**Bioaccumulation** No information available.  
**Mobility** No information available.

**13. DISPOSAL CONSIDERATIONS**

**Product Disposal** Dispose of in accordance with local regulations.  
**Container Disposal** Empty containers should be taken for local recycling, recovery, or waste disposal.

**14. TRANSPORT INFORMATION**

**DOT** Not regulated  
**TDG** Not regulated  
**ICAO** Not regulated  
**IATA** Not regulated  
**IMDG/IMO** Not regulated

**15. REGULATORY INFORMATION**

**Inventories**

**TSCA** Complies  
**DSL** Complies

**U.S. Federal Regulations**

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

**SARA 311/312 Hazardous Categorization**

<b>Acute Health Hazard</b> Yes	<b>Chronic Health Hazard</b> No	<b>Fire Hazard</b> No	<b>Sudden Release of Pressure Hazard</b> No	<b>Reactive Hazard</b> No
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**CERCLA**

**16. OTHER INFORMATION**

**Prepared By** Rachael Mohochi  
**Supersedes Date** 08/25/2010  
**Issuing Date** 08/12/2014

**Reason for Revision** No information available.

**Glossary** No information available.

**List of References.** No information available.

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