# Safety Data Sheet: CHEM-AQUA 84410

Supercedes Date 01/14/2014 Issuing Date 11/25/2014

#### 1. PRODUCT AND COMPANY IDENTIFICATION

Product Name CHEM-AQUA 84410
Recommended use Water treatment chemical Information on Manufacturer
CHEM-AQUA, INC

BOX 152170 IRVING, TEXAS 75015 Product Code 0C96
Chemical nature Polymers and Petroleum emulsion
Emergency Telephone Number
CHEMTREC® 800-424-9300
Telephone inquiry
972-579-2477

#### 2. HAZARD IDENTIFICATION

 Color Milky
 Physical State Liquid
 Odor Petroleum distillates

Category 2B

Category 3

Category 2

#### **GHS**

#### Classification

Physical Hazards

None

Health Hazard

Serious Eye Damage/Eye Irritation

Specific target organ systemic toxicity (single exposure)

Specific target organ systemic toxicity (repeated exposure)

Other hazards

None

#### Labeling Signal Word WARNING



### Hazard Statements

H320 - Causes eye irritation

H336 - May cause drowsiness or dizziness

H373 - May cause damage to organs through prolonged or repeated exposure

### Precautionary Statements

P264 - Wash face, hands and any exposed skin thoroughly after handling.

P260 - Do not breathe mist or vapors.

P271 - Use in a well-ventilated area.

P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

P337 + P313 - If eye irritation persists, get medical attention.

P304 + P340 - IF INHALED: Remove person to fresh air and keep at rest in a position comfortable for breathing.

P312 - Call a physician if unwell.

P403 + P233 - Store in a well-ventilated place. Keep container tightly closed

 $\ensuremath{\mathsf{P501}}$  - Dispose of contents and container in accordance with applicable regulations.

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS-No	Weight %
Petroleum distillates, hydrotreated light	64742-47-8	15-40
Nonyl phenol polyethylene glycol ether	9016-45-9	1-5
Sorbitan oleate	1338-43-8	1-5

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#### 4. FIRST AID MEASURES

General advice Eye Contact Avoid contact with skin, eyes and clothing. Avoid breathing vapors or mists. 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 % No information available. Upper No data available Lower No data available

Suitable Extinguishing Media

Water spray. Carbon dioxide (CO2). Foam. 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.

Health 2 Flammability 1 Instability 0 **NFPA HMIS** Health 2 Flammability 1 Instability 0

6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions** Use personal protective equipment. Prevent further leakage or spillage if safe to do so. Material can

create slippery conditions.

**Environmental Precautions** Do not flush into surface water or sanitary sewer system.

**Methods for Containment** 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).

Methods for Cleaning Up Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust)

**Neutralizing Agent** Not applicable.

7. HANDLING AND STORAGE

Handling Avoid contact with skin, eyes and clothing. Avoid breathing vapors or mists.

Storage Store in original container. Keep containers tightly closed in a dry, cool and well-ventilated place. Do

not freeze.

Storage Temperature Minimum 35 °F / 2 °C 86 °F / 30 °C Maximum **Storage Conditions** Χ Indoor Outdoor Heated Refrigerated

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Exposure Guidelines** 

**ACGIH TLV OSHA PEL** NIOSH Component No data available Petroleum distillates, hydrotreated light No data available 525 mg/m<sup>3</sup> TWA

**Engineering Measures** Ensure adequate ventilation, especially in confined areas. Where reasonably practicable this should

be achieved by the use of local exhaust ventilation and good general extraction.

**Personal Protective Equipment** 

**Eye/Face Protection** Safety glasses with side-shields.

Skin Protection For prolonged or repeated contact, use protective gloves with appropriate chemical resistance.

Respiratory Protection In case of inadequate ventilation wear respiratory protection. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

**General Hygiene Considerations** 

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

**Physical State** Liquid Viscosity Viscous

Petroleum distillates Color Milky Odor

**Odor Threshold** Not applicable **Appearance** Opaque 3-7 @ 5 g/L **Specific Gravity** 1.04 Percent Volatile (Volume) **Evaporation Rate** < 1 (Butyl acetate=1) 58 VOC Content (g/L) 260

VOC Content (%) 28

Vapor Pressure 0.03 mmHg @ 70°F Vapor Density > 1 (Air = 1.0)Solubility Emulsifiable n-Octanol/Water Partition No data available Melting Point/Range No data available **Decomposition Temperature** No data available **Boiling Point/Range** 468 °F / 242 °C Flammability (solid, gas) No data available Flash Point Does not flash Method Not applicable

**Autoignition Temperature** No information available.

Flammability Limits in Air % No information available. Upper No data available Lower No data available

## 10. STABILITY AND REACTIVITY

Chemical Stability Stable. Hazardous polymerization does not occur.

Conditions to AvoidKeep away from open flames, hot surfaces, and sources of ignitionIncompatible ProductsStrong oxidizing agents

Hazardous Decomposition Products Carbon oxides, Nitrogen oxides (NOx), Hydrogen chloride gas.

Possibility of Hazardous Reactions

None under normal processing

#### 11. TOXICOLOGICAL INFORMATION

**Product Information** 

**LD50 Oral** > 5000 mg/kg Rat

The following values are calculated based on chapter 3.1 of the GHS document (Rev. 3, 2009):

**Oral LD50** > 5000

Dermal LD50 No information available

Inhalation LC50

Gas No information available
Mist No information available
Vapor No information available

Principle Route of Exposure Eye contact, Skin contact, Inhalation.

Primary Routes of Entry Inhalation

Acute Effects

EyesCauses eye irritation.SkinMay cause skin irritation.

**Inhalation** May cause irritation of respiratory tract. Inhalation may cause central nervous system effects. May

cause central nervous system depression. Symptoms and signs include headache, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness.

**Ingestion** Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Chronic ToxicityProlonged skin contact may defat the skin and produce dermatitis.Target Organ EffectsRespiratory system, Central nervous system, Liver, Kidney.

Aggravated Medical Conditions Respiratory disorders, Skin disorders, Neurological disorders, Liver disorders, Kidney disorders.

Component Information

**Acute Toxicity** 

Component	LD50 Oral	LD50 Dermal	LC50 Inhalation	Draize Test	Other
Petroleum distillates,	> 5000 mg/kg ( Rat )	> 2000 mg/kg ( Rabbit )	no data available	no data available	no data available
hydrotreated light					
Nonyl phenol polyethylene	= 2590 mg/kg ( Rat )	= 1780 μL/kg ( Rabbit )	no data available	no data available	no data available
glycol ether					

Component	Mutagenicity	Sensitization	Developmental Toxicity	Reproductive Toxicity	Target Organ Effects
Petroleum distillates,	no data available	no data available	no data available	no data available	Respiratory system,
hydrotreated light					CNS. Liver. Kidnev

Carcinogenicity

There are no known carcinogenic chemicals in this product.

## 12. ECOLOGICAL INFORMATION

Product Information

Toxicity to fish
Daphnia magna (Water flea)
10-100 mg/L 96h
> 50 mg/L 48h

Component Information

Component	Toxicity to Algae	Toxicity to Fish	Microtox	Water Flea	log Pow
Petroleum distillates, hydrotreated	no data available	LC50 = 2.2 mg/L Lepomis	no data available	no data available	N/A
light		macrochirus 96 h			
		LC50 = 2.4 mg/L Oncorhynchus			
		mykiss 96 h			
		LC50 = 45 mg/L Pimephales			
		promelas 96 h			

Persistence and Degradability

Bioaccumulation

No information available.

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 and Title 40 of the Code of Federal Regulations, Part 372.

#### SARA 311/312 Hazardous Categorization

Acute Health Hazard	Chronic Health Hazard	Fire Hazard	Fire Hazard Sudden Release of	
			Pressure Hazard	,
Yes	Yes	No	No	No

CERCLA

#### 16. OTHER INFORMATION

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Reason for RevisionNo information available.GlossaryNo information available.List of References.No information available.

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