

**CHEMQUEST INTERNATIONAL**

**Safety Data Sheet  
CQ APG 215**

Version 1.0 • Date of issue: 2023-01-01

**SECTION 1: Identification**

**1.1 GHS Product identifier**

Product name	CQ APG 215
Product number	522356
Brand	ChemQuest International

**1.2 INCI** Caprylyl/Capryl Glucoside

**1.3 Recommended use of the chemical and restrictions on use**  
Household products and Industrial applications

**1.4 Supplier's details**

Name	ChemQuest International
Address	820 Turnberry Court Hanover Park IL 60133 USA
Telephone	630-628-1900
email	regulatory@chemquestint.com

**1.5 Emergency phone number**

INFOTRAC 1-800-535-5053

**SECTION 2: Hazard identification**

**2.1 Classification of the substance or mixture**

**GHS classification in accordance with: (US) OSHA (29 CFR 1910.1200)**

- Eye damage/irritation, Cat. 1
- Skin corrosion/irritation, Cat. 1

**2.2 GHS label elements, including precautionary statements**

**Pictograms**



**Signal word**

**Danger**

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### Hazard statement(s)

H314 Causes severe skin burns and eye damage  
H318 Causes serious eye damage

### Precautionary statement(s)

P260 Do not breathe dust/fume/gas/mist/vapors/spray.  
P264 Wash hands thoroughly after handling.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.  
P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.  
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.  
P310 Immediately call a POISON CENTER/doctor/...  
P321 Specific treatment (see ... on this label).  
P363 Wash contaminated clothing before reuse.  
P405 Store locked up.  
P501 Dispose of contents/container to ...

## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

#### Components

Component	Concentration
<b>D-glucopyranose, oligomeric, decyl octyl glycosides (CAS no.: 68515-73-1; EC no.: 500-220-1)</b>	<b>62 - 65 %</b>
CLASSIFICATIONS: Eye damage/irritation, Cat. 1; Hazardous to the aquatic environment, short-term (acute), Cat. 3. HAZARDS: H318 - Causes serious eye damage; H402 - Harmful to aquatic life.	
<b>Water (CAS no.: 7732-18-5; EC no.: 231-791-2)</b>	<b>35 - 38 %</b>
CLASSIFICATIONS: No data available. HAZARDS: No data available.	

## SECTION 4: First-aid measures

### 4.1 Description of necessary first-aid measures

If inhaled Remove to fresh air and promote deep breathing. Get medical attention if effects persist.

In case of skin contact Wash with plenty of soap and water for at least 15 minutes. Get medical attention if irritation develops or persists.  
  
Acute and delayed symptoms and effects: Causes severe skin burns. Signs/symptoms may include localized redness, swelling, itching, intense pain, blistering, ulceration, and tissue destruction.

In case of eye contact Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention.  
  
Acute and delayed symptoms and effects: Causes serious eye damage. Signs/symptoms may include cloudy appearance of the cornea, chemical burns, severe pain, tearing, ulcerations, significantly impaired vision or complete loss of vision.

If swallowed Do not induce vomiting. Never give anything by mouth to an unconscious person. Give water to drink if conscious. Get medical attention if effects persist.

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Acute and delayed symptoms and effects: May cause gastrointestinal irritation. Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhea.

#### 4.2 Most important symptoms/effects, acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11

#### 4.3 Indication of immediate medical attention and special treatment needed, if necessary

Treat symptomatically and supportively.

## SECTION 5: Fire-fighting measures

#### 5.1 Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

#### 5.2 Specific hazards arising from the chemical

No data available.

#### 5.3 Special protective actions for fire-fighters

Wear self-contained breathing apparatus for firefighting if necessary.

#### Further information

Use water spray to cool unopened containers.

## SECTION 6: Accidental release measures

#### 6.1 Personal precautions, protective equipment and emergency procedures

Wear personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel.

#### 6.2 Environmental precautions

Do not discharge product into natural waters without pre-treatment or adequate dilution.

#### 6.3 Methods and materials for containment and cleaning up

Soak up with inert absorbent material and dispose of in accordance with applicable local or national requirements. Keep in suitable, closed containers for disposal.

#### Reference to other sections

For disposal see section 13.

## SECTION 7: Handling and storage

#### 7.1 Precautions for safe handling

Avoid contact with skin and eyes. Do not eat, drink or smoke while handling. Wash hands with soap and water after handling. Keep out of the reach of children. For precautions see section 2.

#### 7.2 Conditions for safe storage, including any incompatibilities

Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

#### Specific end use(s)

Apart from the uses mentioned in section 1 no other specific uses are stipulated.

## SECTION 8: Exposure controls/personal protection

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#### 8.2 Appropriate engineering controls

Manufacturing Sites:

Use ventilation adequate to keep exposures (airborne levels of dust, fume, vapor, gas, etc.) below recommended exposure limits.

Distribution, Workplace and Household Settings:

Ensure adequate ventilation

#### 8.3 Individual protection measures, such as personal protective equipment (PPE)

##### Eye/face protection

Manufacturing Sites:

Tightly fitting safety goggles. If splash hazard, wear faceshield (8-inch minimum). Use equipment for eye protection that meets the standards referenced by OSHA regulations in 29 CFR 1910.133 for Personal Protective Equipment.

Distribution, Workplace and Household Settings:

No special protective equipment required

##### Skin protection

Manufacturing Sites:

Wear protective gloves, such as nitrile gloves.

Distribution, Workplace and Household Settings:

No special protective equipment required

##### Body protection

Manufacturing Sites:

Wear suitable protective clothing.

Distribution, Workplace and Household Settings:

No special protective equipment required

##### Respiratory protection

Manufacturing Sites:

Not required under normal use conditions. If engineering controls and ventilation are not sufficient to control exposure to below the allowable limits then an appropriate NIOSH/MSHA approved air-purifying respirator with organic vapor/acid gas cartridge and particulate filter, or self-contained breathing apparatus must be used. Supplied air breathing apparatus must be used when oxygen concentrations are low or if airborne concentrations exceed the limits of the air-purifying respirators.

Distribution, Workplace and Household Settings:

No special protective equipment required

##### Thermal hazards

No data available.

##### Environmental exposure controls

No data available.

## SECTION 9: Physical and chemical properties

### Basic physical and chemical properties

Physical state

Liquid

Appearance

Light yellow viscous liquid

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Color	Light yellow
Odor	Weak odor
Odor threshold	No data available.
Melting point/freezing point	>300 C (CAS#68515-73-1)
Boiling point or initial boiling point and boiling range	>300 C (CAS#68515-73-1)
Flammability	No data available.
Lower and upper explosion limit/flammability limit	No data available.
Flash point	>70 C (20°C, CAS#68515-73-1)
Explosive properties	No data available.
Auto-ignition temperature	No data available.
Decomposition temperature	No data available.
Oxidizing properties	No data available.
pH	11.5 - 12.5 (20% in 15% IPA)
Kinematic viscosity	No data available.
Solubility	Soluble in water
Partition coefficient n-octanol/water (log value)	No data available.
Vapor pressure	<0.001 Pa (20°C, CAS#68515-73-1)
Evaporation rate	No data available.
Density and/or relative density	1.18 g/cm <sup>3</sup> (20°C, CAS#68515-73-1)
Relative vapor density	No data available.

### Further safety characteristics (supplemental)

No data available.

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

Contact with incompatible materials. Sources of ignition. Exposure to heat.

### 10.2 Chemical stability

Stable under normal storage conditions.

### 10.3 Possibility of hazardous reactions

No data available.

### 10.4 Conditions to avoid

Heat, flames and sparks. Incompatible products. Keep away from open flames, hot surfaces and sources of ignition.

### 10.5 Incompatible materials

Strong oxidizing agents.

### 10.6 Hazardous decomposition products

Water: In the event of fire: see section 5

## SECTION 11: Toxicological information

### Information on toxicological effects

#### Acute toxicity

D-Glucopyranose, oligomeric, decyl octyl glycosides

LD50 Oral - Rat - >2000 mg/kg

LD50 Skin - Rabbit - >2000 mg/kg

LC50 - Fish - 170 mg/L - 96 h

#### Skin corrosion/irritation

Causes severe skin burns.

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### **Serious eye damage/irritation**

Causes serious eye damage.

### **Respiratory or skin sensitization**

Based on available data, classification data are not met

### **Germ cell mutagenicity**

Based on available data, classification data are not met

### **Carcinogenicity**

This product is or contains a component that is not classifiable as to its carcinogenicity based on its IARC, ACGIH, NTP, or EPA classification

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential 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**

Based on available data, classification data are not met

### **Specific target organ toxicity (STOT) - single exposure**

Based on available data, classification data are not met

### **Specific target organ toxicity (STOT) - repeated exposure**

Based on available data, classification data are not met

### **Aspiration hazard**

Based on available data, classification data are not met

## **SECTION 12: Ecological information**

### **Toxicity**

D-Glucopyranose, oligomeric, decyl octyl glycosides

LC50 - Danio rerio (zebra fish) - 100.81 mg/L - 96h

### **Persistence and degradability**

Biodegradation in water: screening tests: Readily biodegradable according to the OECD criteria.

Biodegradation in water and sediment: simulation tests: >99.4%/28d

### **Bioaccumulative potential**

No data available on product

### **Mobility in soil**

No data available on product.

### **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 on product.

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## SECTION 13: Disposal considerations

### Disposal methods

#### Product disposal

Disposal should be in accordance with applicable Federal, State and local laws and regulations. Local regulations may be more stringent than State or Federal requirements.

#### Packaging disposal

Dispose of as unused product.

## SECTION 14: Transport information

### DOT (US)

Not dangerous goods

### IMDG

Not dangerous goods

### IATA

Not dangerous goods

## SECTION 15: Regulatory information

### 15.1 Safety, health and environmental regulations specific for the product in question

#### SARA 302 Components

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

#### SARA 313 Components

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

#### SARA 311/312 Hazards

No SARA hazards.

#### Massachusetts Right To Know Components

No components are subject to the Massachusetts Right to Know Act.

#### Pennsylvania Right To Know Components

No components are subject to the Pennsylvania Right to Know Act.

#### New Jersey Right To Know Components

No components are subject to the New Jersey Right to Know Act.

#### 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.

#### Canadian Domestic Substances List (DSL)

Chemical name: D-glucopyranose, oligomeric, decyl octyl glycosides  
CAS number: 68515-73-1

#### SARA 313 Components

This material [Water] does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

#### SARA 311/312 Hazards

No SARA Hazards for: Water.

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#### **Pennsylvania Right To Know Components**

Water

CAS-No. 7732-18-5

#### **New Jersey Right To Know Components**

Water

CAS-No. 7732-18-5

#### **Canadian Domestic Substances List (DSL)**

Chemical name: Water

CAS number: 7732-18-5

## **SECTION 16: Other information**

### **16.1 Further information/disclaimer**

DISCLAIMER: The information above is believed to be accurate and represents the best information currently available to us.

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