

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1 Product Identifier

Product Name: CSP Guardian Water Repellent

### 1.2 Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture: Water Repellent on Concrete, Stone and Masonry

### 1.3 Details of the supplier of the safety data sheet

Cathedral Stone Products  
7266 Park Circle Drive  
Hanover, MD 21076

T 410-782-9150

### 1.4 Emergency telephone number

Emergency number: 1-800-424-9300

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

Classification (GHS-US):  
FLAM C3 H225  
ORAL C4 H302  
SKIN IR C2 H315  
EYE IR C2B H319  
ORG KIDNEY H737  
Full text of H-phrases: see section 16

### 2.2 Label elements

GHS-US labeling:  
Hazard pictograms (GHS-US):



GHS02



GHS07

Signal word (GHS-US): Danger

Hazard statements (GHS-US):  
H225 - Highly Flammable liquid and vapor.  
H302 - Harmful if swallowed  
H315 - Causes skin irritation.  
H319 - Causes serious eye irritation.  
H373 - May cause damage to organs through prolonged or repeated exposure

Precautionary statements (GHS-US):  
**Prevention:**  
P210 - Keep away from heat, hot surface, sparks, open flames, and other ignition sources. No smoking.  
P233 - Keep container tightly closed.  
P240 - Ground/bond container and receiving equipment.  
P241 - Use explosion-proof equipment.  
P242 - Use only non-sparking tools.  
P243 - Take precautionary measures against static discharge.  
P260 - Do not breathe dust/fume/gas/mist/vapors/spray.  
P264+P265 - Wash hands thoroughly after handling and do not touch eyes.  
P280 - Wear protective gloves/protective clothing/eye protection/face protection  
**Response:**  
P301 + P317 - If swallowed: Get medical help.  
P303+P361+P353 - If on skin (or hair): Get emergency medical help immediately. Rinse skin with water [or shower].  
P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
P319 - Get medical help if you feel unwell.  
P330 - Rinse mouth.  
P337+P317 - If eye irritation persists: Get emergency medical help.  
P370+P378 - In case of fire: Use ... to extinguish.  
**Storage:**  
P403 + P235 - Store in a well-ventilated place. Keep cool.  
**Disposal:**  
P501 - Dispose of contents/container to an approved waste disposal plant

### 2.3. Other hazards

No additional information available.

### 2.4. Unknown acute toxicity (GHS-US)

Not applicable.

## SECTION 3: Identification of the substance/mixture and of the company/undertaking

### 3.1 Substance

Not applicable.

### 3.2 Mixture

Name	Product Identifier	Percent	Classification (GHS-US)
Water	(CAS No) 7732-18-5	Bal.	Not classified
Alkyltrialkoxysilane	(CAS No) 2943-75-1	1% - 5%	Skin Irrit 2, H315 Eye Irrit. 2B H319
Ethylene glycol	(CAS No) 107-21-1	< 1.0	Acute Tox. 4, STOT RE 2
Ethanol	(CAS No) 64-17-5	< 1.0	Flam. Liq. 2, H225
Trade Secret		< 1.0	

## SECTION 4: Identification of the substance/mixture and of the company/undertaking

### 4.1 Description of first aid measures

First-aid measures after inhalation: Remove person to fresh air and keep comfortable for breathing. Obtain medical attention if breathing difficulty persists.

First-aid measures after skin contact: Rinse with plenty of soap and water if available for several minutes. Seek medical attention if irritation develops or persists.

First-aid measures after eye contact: Remove contact lenses immediately. Flush eyes with plenty of water for at least 15 minutes. Get medical attention immediately.

First-aid measures after ingestion: Do not induce vomiting. Give water to victim to drink. Seek medical attention.

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

Symptoms/injuries after inhalation: May cause respiratory irritation or breathing difficulty.

Symptoms/injuries after skin contact: May cause skin irritation.

Symptoms/injuries after eye contact: Causes serious eye damage.

Symptoms/injuries after ingestion: May be harmful if swallowed.

### 4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

## SECTION 5: Firefighting measures

### 4.1 Extinguishing media

Suitable extinguishing media Use extinguishing media for surrounding fire.

Unsuitable extinguishing media None.

### 4.2 Special hazards arising from the substance or mixture

Fire hazard Not flammable.

Explosion hazard None known.

### 4.3. Advice for firefighters

Protection during firefighting: Firefighters should wear full protective gear.

## SECTION 6: Accidental release measures

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

#### 6.1.1 For non-emergency personnel

No additional information available

#### 6.1.2 For emergency responders

No additional information available

### 6.2 Environmental precautions

Avoid release to the environment.

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

For containment Stop the flow of material, if this is without risk.

Methods for cleaning up Confine spill and soak up with absorbent. Place in an approved container and dispose in accordance with local, state and federal regulations.

### 6.4 Reference to other sections

No additional information available

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

Precautions for safe handling Avoid contact with eyes, skin and clothing. Wash thoroughly after handling.

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

Storage conditions Direct sunlight

### 7.3 Specific end use(s)

No additional information available

## SECTION 8: Handling and storage

### 8.1 Control parameters

#### Water (7732-18-5)

ACGIH Not applicable

OSHA Not applicable

#### Alkyltrialkoxysilane (2943-75-1)

ACGIH Not applicable

OSHA Not applicable

#### Ethylene glycol (107-21-1)

ACGIH TLV-TWA - 25 PPM (Vapor Fraction)  
TLV-DTEP - 50 PPM (Vapor Fraction) 10 mg/m<sup>3</sup> (inhalable particulate matter, aerosol only)

OSHA Not applicable

#### Ethanol (64-17-5)

ACGIH TLV-STEL - 1000 PPM

OSHA PEL-TWA - 1000 PPM (1900 mg/m<sup>3</sup>)

### 8.2 Exposure controls

Hand protection Wear impervious gloves to minimize skin contact.

Eye protection Wear safety goggles.

Skin and body protection Wear suitable working clothes.

Respiratory protection If airborne concentrations are above the applicable exposure limits, use NIOSH approved respiratory protection.

**SECTION 9: Physical and chemical properties**

**9.1 Information on basic physical and chemical properties**

Physical state:	Liquid
Appearance:	Opaque emulsion.
Color:	White
Odor:	Mild
Odor threshold:	No data available
pH:	7.6
Melting point:	< 0 °C
Freezing point:	No data available
Boiling point:	98.3 °C
Flash point:	No data available
Relative evaporation rate (butyl acetate=1):	No data available
Flammability (solid, gas):	No data available
Explosion limits:	No data available
Explosive properties:	No data available
Oxidizing properties:	No data available
Vapor pressure:	No data available
Relative density:	7.9 lb/gal
Relative vapor density at 20 °C:	No data available
Solubility:	No data available
Log Pow:	No data available
Log Kow:	No data available
Auto-ignition temperature:	No data available
Decomposition temperature:	No data available
Viscosity:	36 cP

**9.2 Other information**

No additional information available

**SECTION 10: Stability and reactivity**

**10.1 Reactivity**

No additional information available

**10.2 Chemical stability**

The product is stable at normal handling and storage conditions.

**10.3 Possibility of hazardous reactions**

Will not occur.

**10.4 Conditions to avoid**

None

**10.5 Incompatible materials**

Not determined.

**10.6 Hazardous decomposition products**

Not determined.

**SECTION 11: Toxicological information**

**11.1 Information on toxicological effects**

Acute toxicity Not classified

**Water (7732-18-5)**

LD50 oral rat: > 90 ml/kg

**Alkyltrialkoxysilane (2943-75-1)**

LD50 oral rat: >= 5,110 mg/kg

LC50 Inhalation – Rat (4 h) > 22 PPM

LD50 Dermal - Rabbit - male - 6,730 mg/kg

LD50 Dermal - Rabbit - female - > 8,000 mg/kg

In OSHA Hazard Communication Carcinogen list: No

Reproductive toxicity: Not classified

Specific target organ toxicity (single exposure): Not classified

Specific target organ toxicity (repeated exposure): Not classified

Aspiration hazard: Not classified

**Ethylene glycol (107-21-1)**

Acute toxicity estimate Oral: 500.1 mg/kg

LD50 Dermal - Mouse > 3,500 mg/kg

In OSHA Hazard Communication Carcinogen list: No

Reproductive toxicity: Not classified

Specific target organ toxicity (single exposure): Not classified

Specific target organ toxicity (repeated exposure): Not classified

Aspiration hazard: Not classified

**Ethanol (64-17-5)**

IARC group: 1 - Carcinogenic to humans

In OSHA Hazard Communication Carcinogen list: Yes

Reproductive toxicity: Laboratory experiments have shown teratogenic effects. Overexposure may cause reproductive disorder(s) based on tests with laboratory animals.

Specific target organ toxicity (single exposure): Not classified

Specific target organ toxicity (repeated exposure): Oral - May cause damage to organs through prolonged or repeated exposure. - Kidney

Aspiration hazard: Not classified

**SECTION 12: Ecological information**

**12.1 Toxicity**

<b>Alkyltrialkoxysilane (2943-75-1)</b>	
Ecotoxicity:	Do not empty into drains.
Persistence and Degradability:	Soluble in water Persistence is unlikely based on information available.
Bioaccumulation/ Accumulation:	No information available.
Mobility:	Will likely be mobile in the environment due to its water solubility.
<b>Ethylene glycol (107-21-1)</b>	
Ecotoxicity:	Do not empty into drains.
Persistence and Degradability:	Soluble in water Persistence is unlikely based on information available. Readily biodegradable.
Bioaccumulation/ Accumulation:	Does not bioaccumulate.
Mobility:	No data available
<b>Ethanol (64-17-5)</b>	
Ecotoxicity:	Do not empty into drains.
Persistence and Degradability:	Soluble in water Persistence is unlikely based on information available. Readily biodegradable.
Bioaccumulation/ Accumulation:	Does not bioaccumulate.
Mobility:	No data available

**SECTION 13: Disposal considerations**

**13.1 Waste treatment methods**

Waste disposal recommendations	Dispose of contents/container in accordance with local/regional/national/international regulations.
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**SECTION 14: Transport information**

**14.1 Waste treatment methods**

**Department of Transportation (DOT)**  
 In accordance with DOT  
 Not a dangerous good as defined in transport regulations

**SECTION 15 Regulatory information**

**15.1 US Federal regulations**

<b>Water (7732-18-5)</b>
Listed on the United States TSCA (Toxic Substances Control Act) inventory
<b>Alkyltrialkoxysilane (2943-75-1)</b>
Listed on the United States TSCA (Toxic Substances Control Act) inventory
<b>Ethylene glycol (107-21-1)</b>
Listed on the United States TSCA (Toxic Substances Control Act) inventory
<b>Ethanol (64-17-5)</b>
Listed on the United States TSCA (Toxic Substances Control Act) inventory

**15.2 US State regulation**

**Alkyltrialkoxysilane (2943-75-1)**

California Proposition 65      This product does not contain any Proposition 65 chemicals.

US State Right to Know      Not Applicable

**Ethylene glycol (107-21-1)**

Listed on the United States TSCA (Toxic Substances Control Act) inventory

SARA 311/312 Hazards      Acute Health Hazard Chronic Health Hazard

SARA 313      The following components are subject to reporting levels established by SARA Title III, Section 313:  
 ethylene glycol 107-21-1 >= 90 - <= 100 %

US State Right to Know      Massachusetts Right To Know  
 Pennsylvania Right To Know  
 Maine Chemicals of High Concern - Product does not contain any listed chemicals  
 Vermont Chemicals of High Concern  
 Washington Chemicals of High Concern  
 California Prop. 65:  
 WARNING: This product can expose you to chemicals including ethylene glycol, which is/are known to the State of California to cause birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

**Ethanol (64-17-5)**

SARA 311/312 Hazards      Fire Hazard Hazards Acute Health Hazard Chronic Health Hazard

US State Right to Know      Massachusetts Right To Know  
 Minnesota - Hazardous Substance List  
 New Jersey - Right to Know Hazardous Substance List  
 Pennsylvania Right To Know

**SECTION 16: Other information**

**16.1 Full text of H-phrases**

Acute Tox. 4, STOT RE 2      Acute toxicity (oral) Category 4 - SPECIFIC TARGET ORGAN TOXICITY - REPEATED EXPOSURE - Category 2

Flam. Liq. 2,      FLAMMABLE LIQUIDS - Category 2

SKIN IR C2      Serious eye damage/eye irritation Category 2

EYE IR C2B      Serious eye damage/eye irritation Category 2B

FLAM C2      Flammable liquids Category 2

H225      Highly flammable liquid and vapor

H302      Harmful if swallowed

H315      Causes Skin Irritation

H319      Causes serious eye irritation

H373