



# Safety Data Sheet

## Cetrimonium Chloride CETAC 30%

### 1. Identification

**Product Name:**

**Cetrimonium Chloride CETAC 30**

**Recommended use of chemical and restrictions on use:**

Antistatic agents conditioning agent

**Chemical family:**

Not Available

**Name and address of the supplier:**

Chemistry Connection  
253 Sturgis Road  
Conway, AR 72034  
USA

**Supplier's telephone number:**

(501) 470-9689

**24 Hr. Emergency telephone number:**

(800) 424-9300 (CHEMTREC)

### 2. Hazard(s) Identification

**HMIS:**

Health	2
Flammability	0
Reactivity	0
Personal Protection	B

**Label Elements:**



**Signal Word:**

**WARNING**



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### Hazard Statement(s):

Causes serious eye irritation.  
Harmful if swallowed.  
Toxic to aquatic life.  
Causes skin irritation

### Precautionary Statement(s) Prevention

Wear eye protection and protective gloves.  
Wash skin thoroughly after handling.  
Avoid release to the environment.  
Do not eat, drink or smoke when using.

### Precautionary Statement(s) Response

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
IF SWALLOWED: Rinse mouth. Call Poison Control.  
IF ON SKIN: Take off immediately all contaminated clothing.

### Precautionary Statement(s) Storage

None

### Precautionary Statement(s) Disposal

Dispose of contents to an approved waste disposal plant.

## 3. Composition/Information on Ingredients

Chemical Name of Hazardous Components	CAS Number	Percent by Weight
Cetrimonium chloride	112-02-7	≥28-≤32
Water	7732-18-5	≥68-≤72

## 4. First Aid Measures (Continued)

### Ingestion:

Do not give anything by mouth to an unconscious or convulsing person.  
Rinse mouth with water. Prevent aspiration of vomit.



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<b>Inhalation:</b>	Move person to fresh air. See a physician.
<b>Skin Contact:</b>	Wash with plenty of soap and water. If irritation occurs, see a physician.
<b>Eye Contact:</b>	Rinse eyes with water. Remove any contact lenses and continue flushing eyes with running water for at least 15 minutes. Hold eyelids apart to ensure rinsing of the entire surface of the eyes and lids with water. Seek medical attention.

**General information-** Never give anything by mouth to an unconscious person. Call a poison center or doctor if you feel unwell. All treatments should be based on observed signs and symptoms of distress in the patient. Treat symptomatically. No specific antidote available.

#### 5. Firefighting Measures

<b>Fire/Explosion Hazard:</b>	Flash Point >200°F This product is not combustible.
<b>Extinguishing Media:</b>	Water spray, carbon dioxide (CO <sub>2</sub> ), foam, multipurpose powders.
<b>Unsuitable Extinguishing Material:</b>	High volume water jet.
<b>Specific Hazards Arising from the Chemical:</b>	Container may rupture on heating. Harmful or toxic vapors may be released.
<b>Special Firefighting Procedures:</b>	Use suitable breathing apparatus. Move undamaged containers from immediate hazard area if it can be done safely.
<b>Special Protective Equipment for Firefighters:</b>	Wear NIOSH/MSHA approved self-contained breathing apparatus for firefighting if necessary. Use recommended personal protective equipment.



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### 6. Accidental Release Measures

<b>Personal precautions, protective equipment and emergency procedures</b>	Spill area may be slippery. Wear appropriate protective equipment (See Section 8).
<b>Environmental precautions</b>	Do not allow to enter into surface water or drains. Retain contaminated washing water and dispose it.
<b>Methods and material for containment and cleaning up.</b>	<p>Stop leak if safe to do so. Absorb spills with vermiculite, fullers earth or sand. Shovel up and place in a non-metal waste container for disposal. Dike large spills with soil or sandbags to contain it and prevent its spread.</p> <p>Wash non-recoverable remainder with large amounts of water. Clean contaminated surfaces thoroughly. Recover the cleaning water subsequent disposal.</p>
<b>Reference to other sections</b>	See also section 8.

### 7. Handling and Storage

<b>Precautions for Safe Handling:</b>	Does not require any specific or measures. Wear appropriate protective equipment. Handle in accordance with good industrial hygiene and safety practice.
<b>Conditions for Safe Storage Including Any Incompatibilities:</b>	Store in tightly closed containers. Store away from sunlight and frost (+5 ° C - +30 ° C). If material freezes, gently thaw prior to use. Mild agitation may be required. Hazardous reactions may occur on contact with certain chemicals.

### 8. Exposure Controls/Personal Protection (Continued)

<b>Appropriate Engineering Controls:</b>	In applications where the product will be exposed to elevated temperature, use local ventilation to remove potential decomposition products.
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**Personal Protective Equipment (PPE):**

**General Information:** Not available

**Eye/Face Protection:** Wear safety glasses as a minimum, preferably chemical goggles. Appropriate ANSI Z87 approved equipment should be selected for the use intended for this material.

**Skin/Hand Protection:** Wear natural rubber gloves. Also take into consideration the specific local conditions under which the product is used such as the danger of cuts, abrasion and contact time. Lab coat. Wear footwear protecting against chemicals and impervious clothing.

**Respiratory Protection:** Wear a NIOSH/MSHA approved respirator that has been selected by a technically qualified person for the specific work conditions.

**Other:** Facility should be equipped with eyewash and safety showers close to point of product usage. Use reasonable care. These precautions are for room temperature handling. Use at elevated temperatures or in aerosol/spray applications may require added precautions.

### 9. Physical and Chemical Properties (Continued)

**Appearance:**

**Physical State:** liquid

**Color:** Light Amber

**Odor:** Mild Characteristic soapy

**Odor Threshold:** Not Available

**pH** 3 – 5 (5% Sol.)

**Freezing/Melting Point (°C):** No information available

**Boiling Point (°C):** 80°C

**Flash Point (°C):** >200°C

**Evaporation Rate:** Not Available

**Flammability:** Not Available

**Upper Explosive Limit (%):** Not Available

**Lower Explosive Limit (%):** Not Available



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Vapor Pressure:	Not Available
Vapor Density:	Not Available
Relative Density:	0.95 g/mL approx.
Solubility in Water:	Soluble
Solubility (Other):	Not Available
Partition Coefficient (n-Octanol/Water)	>4
Auto-ignition Temperature (°C):	Not Available
Decomposition Temperature (°C):	Not Available
Viscosity:	Low viscosity
VOC:	Not Available
Percent Volatile:	Not Available
Specific Gravity	Not Available

#### 10. Stability and Reactivity

Reactivity:	No information available
Chemical Stability:	Stable under normal conditions.
Possibility of Hazardous Reactions:	None
Conditions to Avoid:	No information available
Incompatible Materials:	No information available

#### Hazardous Decomposition Products:

On combustion or on thermal decomposition: carbon monoxide, aldehydes, flammable hydrocarbon fragments.



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#### 11. Toxicological Information

Acute oral toxicity (rat)	LD50 700-1,300 mg/kg
Acute dermal toxicity (rabbit)	LD50 >4,000 mg/kg
Acute inhalation toxicity	Not available
Subchronic oral toxicity (rat)	Not available
Skin irritation (rabbit)	Causes skin irritation CIR: up to 0.25% appropriate for leave-on cosmetic products, no limit for rinse-off cosmetic products
Eye irritation (rabbit)	Causes serious eye irritation CIR: 0.1% non-irritating, 0.5% mild irritation that cleared after 72 hrs
Sensitization	Not classified as sensitizing by skin contact.
Phototoxicity (guinea pig)	Not available
Chronical toxicity	Not Available

#### 12. Ecological Information (Continued)

Toxicity	No Information available.
Persistence and degradability	Expected to be readily biodegradable
Bioaccumulative potential	No bioaccumulation to be expected.
Mobility in soil	No information available



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Results of PBT and vPvB  
assessment

None

Other adverse effects

Not available

### 13. Disposal Considerations

Waste treatment methods

Recover, if possible. Send to authorized disposal plants or for incineration under controlled conditions. In so doing, comply with the local and national regulations currently in force.

Not regulated under RCRA 40CFR261

### 14. Transportation Information

UN number

Not Regulated

UN proper shipping name

None

Transport hazard class

None

Packing group

None

Environmental hazards

None

Special precautions for user

See section 8

Transport in bulk according to  
Annex II of MARPOL73/78 and  
the IBC Code

No information available

### 15. Regulatory Information (Continued)

US Federal Regulations

Safety, health, and  
environmental regulations/legislation  
specific for the substance

No data available





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**SARA 311/312:**

Acute health hazard: Yes

**US State Regulations:**

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

**California Prop 65**

No, this product does not contain any chemicals known to the State of California to cause cancer, birth defects or any other reproductive harm.

**Inventory Status:**

**Australia (AICS)**

Yes

**Canada (DSL/NDSL)**

Yes (DSL)

**China (IECSC)**

Yes

**Europe (REACH)**

Not Known

**Europe (EINEC/ELINCS)**

Yes (EINEC)

**Japan (ENCS)**

Yes

**Korea (KECI)**

Yes

**New Zealand (NZIoC)**

Yes

**Philippines (PICCS)**

Yes

**Switzerland (SWISS)**

N/A

**Taiwan (TCSCA)**

N/A



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#### 16. Other Information

**Source of Information:**

No data available

**Further Information:**

No data available

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