

# Safety Data Sheet

## KELTROL® CG-T

This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006  
COMMISSION REGULATION (EU) No. 2015/830

Issue Date: 01/Jun/2015  
Print Date: 25/Jun/2016

Revision Number: 1.2  
Page 1 of 10

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

#### 1.1. Product identifier

Product Name: KELTROL® CG-T

|                                 |                |
|---------------------------------|----------------|
| <u>Xanthan gum</u>              |                |
| CAS Number                      | 11138-66-2     |
| % by Wt                         | --             |
| EC No                           | 234-394-2      |
| REACH registration number       | Exempt         |
| (CLP) Regulation (EC 1272/2008) | Not classified |

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

|                      |  |
|----------------------|--|
| Recommended Use      | Stabilizer. Thickening agent. Cosmetics. |
| Uses advised against | None known.                              |

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

Company: CP Kelco France  
123 rue Jules Guesde  
92300 Levallois-Perret  
France  
Tel: +33 1 49 03 78 00  
Fax: +33 1 49 03 78 29

Internet [www.cpkelco.com](http://www.cpkelco.com)

E-mail [customer.request@cpkelco.com](mailto:customer.request@cpkelco.com)

1.4. Emergency telephone number CHEMTREC: +1 800 424 9300 or International +1 703 527 3887

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

(CLP) Regulation (EC 1272/2008) Not classified

#### Hazards Identification

Physical Hazard Not classified

Health Hazards Not classified

# Safety Data Sheet

## KELTROL® CG-T

Issue Date: 01/Jun/2015  
 Print Date: 25/Jun/2016

Revision Number: 1.2  
 Page 2 of 10

**Environmental Hazard** Not classified

### 2.2. Label elements

**Symbols/Pictogram** None.

**Signal Word** None

**Hazard Statements** This product is not classified as hazardous according to the UN GHS guideline and labeling is not required  
 This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)

### Precautionary Statements

**Prevention** Employ good industrial hygiene practice. Wash hands thoroughly after handling. Do not handle until all safety precautions have been read and understood. Combustible dust may form combustible (explosive) dust-air mixtures. Take precautionary measures against static discharges.

**Response** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF ON SKIN: Wash with plenty of soap and water.

**Storage** Keep in a dry place. Store away from incompatible materials.

**Disposal** Dispose of contents/containers in accordance with local regulations.

**2.3. Other hazards** COMBUSTIBLE DUST MAY FORM COMBUSTIBLE (EXPLOSIVE) DUST/AIR MIXTURES.

## SECTION 3: Composition/information on ingredients

**Mixture versus substance information** Substance

| Chemical Name | CAS Number | EC No     | REACH registration number | (CLP) Regulation (EC 1272/2008) | % by Wt |
|---------------|------------|-----------|---------------------------|---------------------------------|---------|
| Xanthan gum   | 11138-66-2 | 234-394-2 | Exempt                    | Not classified                  | --      |

# Safety Data Sheet

## KELTROL® CG-T

Issue Date: 01/Jun/2015  
Print Date: 25/Jun/2016

Revision Number: 1.2  
Page 3 of 10

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

**Eye Contact** In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.

**Skin Contact** Wash with plenty of soap and water.

**Ingestion** Rinse mouth thoroughly with water.

**Inhalation** If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.

**4.2. Most important symptoms and effects, both acute and delayed** Dust contact with the eyes can lead to mechanical irritation. Contact with dust can cause mechanical irritation or drying of the skin.

**4.3. Indication of any immediate medical attention and special treatment needed** Treat symptomatically. Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

**Suitable Extinguishing Media** Water spray (fog). Dry chemical. Carbon dioxide (CO<sub>2</sub>). Foam.

**Unsuitable Extinguishing Media** None known.

**5.2. Special hazards arising from the substance or mixture** Avoid dust formation.

**Hazardous Combustion Products** Carbon dioxide  
Carbon monoxide

#### 5.3. Advice for firefighters

**Special protective equipment for firefighters** Wear a self-contained breathing apparatus and chemical protective clothing.

**Fire-fighting measures** COMBUSTIBLE DUST MAY FORM COMBUSTIBLE (EXPLOSIVE) DUST/AIR MIXTURES.

### SECTION 6: Accidental release measures

**6.1. Personal precautions, protective equipment and emergency procedures** Ensure adequate ventilation. Avoid dust formation. Keep unauthorized personnel away. Slippery, can cause falls if walked on. Use personal protection recommended in Section 8.

**For non-emergency personnel** Keep unauthorized personnel away.

# Safety Data Sheet

## KELTROL® CG-T

Issue Date: 01/Jun/2015  
Print Date: 25/Jun/2016

Revision Number: 1.2  
Page 4 of 10

**For emergency responders** Keep unauthorized personnel away. Use personal protection recommended in Section 8.

**6.2. Environmental precautions** Dispose of in accordance with federal, state and local regulations.

**6.3. Methods and material for containment and cleaning up** Large Spill: Do not dry sweep dust. Wet dust with water before sweeping or use a vacuum to collect dust. Small Spill: Vacuum or sweep material and place in a disposal container.

**6.4. Reference to other sections** Section 8: Exposure controls and personal protection. See Section 13 for additional waste treatment information.

## SECTION 7: Handling and storage

**7.1. Precautions for safe handling** Minimize dust generation and accumulation. Avoid significant deposits of material, especially on horizontal surfaces, which may become airborne and form combustible dust clouds and may contribute to secondary explosions. This material can be ignited by heat, sparks, flames, or other sources of ignition (e.g., static electricity, pilot lights, mechanical/electrical equipment, and electronic devices such as cell phones, computers, calculators, and pagers which have not been certified as intrinsically safe). Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Avoid contact with skin, eyes or clothing. Avoid prolonged contact with material. Use personal protection recommended in Section 8. Employ good industrial hygiene practice.

**7.2. Conditions for safe storage, including any incompatibilities** Keep container tightly closed in a dry and well-ventilated place. Store away from incompatible materials. See section 10.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Occupational Exposure Limits

|                           |                                 |
|---------------------------|---------------------------------|
| <b>Chemical Name</b>      | <b>Xanthan gum - 11138-66-2</b> |
| <b>Exposure limits</b>    | Not established                 |
| <b>TWA</b>                | 0.1 mg/m <sup>3</sup>           |
| <b>OSHA - TWA</b>         | Not established                 |
| <b>Russia - TWA - MAC</b> | 0.1 mg/m <sup>3</sup>           |

**Biological Limit Values:** None

**Recommended monitoring procedures** Refer also to national guidance documents for information on currently recommended monitoring procedures

**Derived No Effect Level (DNEL)** No information available

**Predicted No Effect Concentration (PNEC)** No information available

# Safety Data Sheet

## KELTROL® CG-T

Issue Date: 01/Jun/2015  
Print Date: 25/Jun/2016

Revision Number: 1.2  
Page 5 of 10

### 8.2. Exposure controls

#### Engineering Measures

Ensure adequate ventilation, especially in confined areas. Provide a good standard of controlled ventilation (10 to 15 air changes per hour).

#### Personal protective equipment

##### Eye/Face Protection

Wear safety glasses with side shields (or goggles).

##### Skin and Body Protection

Wear suitable protective clothing.

##### Hand Protection

Wear suitable gloves.

##### Respiratory Protection

In case of inadequate ventilation wear respiratory protection.

#### Thermal hazards

Wear suitable protective clothing.

#### Hygiene Measures

Follow general hygiene considerations recognized as common good workplace practices.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

|  |                          |
|--|--------------------------|
| Physical State                                     | Solid.                   |
| Color  | White to Tan             |
| Odor   | Odorless                 |
| Odor Threshold                                     | No information available |
| pH:  | Neutral, solution (1 %)  |
| Melting Point / Melting Range                      | Not applicable           |
| Boiling Point                                      | Not applicable           |
| Freezing Point                                     | Not applicable           |
| Flash Point:                                       | Not applicable           |
| Evaporation Rate                                   | Not applicable           |
| Flammability (solid, gas)                          | Not applicable           |
| Vapor Pressure                                     | Not applicable           |
| Vapor Density                                      | Not applicable           |
| Water Solubility                                   | Soluble                  |
| Partition coefficient<br>n-octanol/water (log Kow) | No information available |
| Autoignition Temperature                           | Not applicable           |

# Safety Data Sheet

## KELTROL® CG-T

Issue Date: 01/Jun/2015  
Print Date: 25/Jun/2016

Revision Number: 1.2  
Page 6 of 10

|                              |                   |
|------------------------------|-------------------|
| Viscosity                    | No data available |
| Specific Gravity             | No data available |
| Explosive Properties         | Not applicable    |
| Oxidizing Properties         | Not oxidizing     |
| Decomposition temperature °C | No data available |

### SECTION 10: Stability and reactivity

|  |   |
|--|---|
| 10.1. Reactivity                         | None                                    |
| 10.2. Chemical stability                 | Stable under normal conditions          |
| 10.3. Possibility of hazardous reactions | Hazardous polymerization does not occur |
| 10.4. Conditions to avoid                | Keep away from heat, sparks and flame.  |
| 10.5. Incompatible materials             | Strong oxidizing agents.                |
| 10.6. Hazardous decomposition products   | None known                              |

### SECTION 11: Toxicological information

**General Information** Users are advised to consider national Occupational Exposure Limits or other equivalent values.

#### Information on Likely Routes of Exposure

|                   |   |
|-------------------|---|
| <b>Inhalation</b> | Do not breathe dust.  |
| <b>Skin</b>       | Not a skin sensitizer. Prolonged or repeated contact may dry skin and cause irritation. |
| <b>Eyes</b>       | Dust contact with the eyes can lead to mechanical irritation.                           |
| <b>Ingestion</b>  | Ingestion is not a likely route of exposure.  |

**Symptoms** Excessive inhalation of dust may cause coughing and sneezing. Repeated exposure may cause skin dryness or cracking. Dust contact with the eyes can lead to mechanical irritation.

#### 11.1. Information on toxicological effects

|  |   |
|--|---|
| <b>Acute Toxicity</b>                    | Not classified.   |
| <b>Serious eye damage/eye irritation</b> | Based on available data, the classification criteria are not met. |

# Safety Data Sheet

## KELTROL® CG-T

Issue Date: 01/Jun/2015  
Print Date: 25/Jun/2016

Revision Number: 1.2  
Page 7 of 10

|   |  |
|---|--|
| <b>Respiratory Sensitization</b>                          | Based on available data, the classification criteria are not met.                                      |
| <b>Skin Corrosion/Irritation</b>                          | Based on available data, the classification criteria are not met.                                      |
| <b>Skin Sensitization</b>                                 | Based on available data, the classification criteria are not met.                                      |
| <b>Germ cell mutagenicity</b>                             | Based on available data, the classification criteria are not met.                                      |
| <b>Reproductive Effects</b>                               | This product does not contain any known or suspected reproductive hazards.                             |
| <b>Reproductive toxicity:</b>                             | Based on available data, the classification criteria are not met.                                      |
| <b>Carcinogenicity</b>                                    | This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP. |
| <b>Specific target organ toxicity - Single exposure</b>   | Based on available data, the classification criteria are not met.                                      |
| <b>Specific target organ toxicity - Repeated exposure</b> | Based on available data, the classification criteria are not met.                                      |
| <b>Chronic Effects</b>                                    | Not classified.  |
| <b>Mixture versus substance information</b>               | Substance.   |

## SECTION 12: Ecological information

|  |  |
|--|--|
| <b>12.1</b>  |  |
| <b>12.1. Ecotoxicity</b>                               | Not classified.  |
| <b><u>Xanthan gum - 11138-66-2</u></b>                 |  |
| 96-Hour LC50   | Oncorhynchus mykiss (rainbow trout) 490 mg/l                                 |
| 48-Hour EC50   | Daphnia Magna (Water Flea) 980 mg/l  |
| BOD  | BOD = ~200 mg O2/gram  |
| COD  | COD = ~1600 mg O2/gram   |
| <b>12.2. Persistence and degradability</b>             | Readily biodegradable.   |
| <b>12.3. Bioaccumulative potential</b>                 | No data available.   |
| <b>Partition coefficient n-octanol/water (log Kow)</b> | Not available.   |
| <b>Bioconcentration factor (BCF)</b>                   | Not available.   |
| <b>12.4. Mobility in soil</b>                          | No data available.   |
| <b>12.5. Results of PBT and vPvB assessment</b>        | This substance does not meet the criteria for classification as PBT or vPvB. |
| <b>12.6. Other adverse effects</b>                     | None known   |

# Safety Data Sheet

## KELTROL® CG-T

Issue Date: 01/Jun/2015  
 Print Date: 25/Jun/2016

Revision Number: 1.2  
 Page 8 of 10

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

|                               |  |
|-------------------------------|--|
| <b>Contaminated Packaging</b> | Empty containers should be taken to an approved waste handling site for recycling or disposal      |
| <b>Waste codes</b>            | Waste codes should be assigned by the user based on the application for which the product was used |
| <b>Disposal Methods</b>       | Dispose of waste product or used containers according to local regulations                         |

#### Xanthan gum - 11138-66-2

European Waste Catalog 160306

### SECTION 14: Transport information

#### Mode of Transportation(Road, Water, Air, Rail)

|             |               |
|-------------|---------------|
| <b>ADR</b>  | Not regulated |
| <b>RID</b>  | Not regulated |
| <b>ADN</b>  | Not regulated |
| <b>IATA</b> | Not regulated |
| <b>IMDG</b> | Not regulated |
| <b>ICAO</b> | Not regulated |

|   |                |
|---|----------------|
| <b>14.1. UN number</b>                    | None           |
| <b>14.2. UN proper shipping name</b>      | None           |
| <b>14.3. Transport hazard class(es)</b>   | None           |
| <b>14.4. Packing group</b>                | None           |
| <b>14.5. Environmental hazards</b>        | No             |
| <b>14.6. Special precautions for user</b> | Not applicable |

**14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**  
 Not applicable

### SECTION 15: Regulatory information

**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

# Safety Data Sheet

## KELTROL® CG-T

Issue Date: 01/Jun/2015  
 Print Date: 25/Jun/2016

Revision Number: 1.2  
 Page 9 of 10

### Global Inventories

| Chemical Name | CAS Number | EC No     | REACH registration number | Australia (AICS) | Canada (DSL) | China (IECSC) | Japan (ENCS) | South Korea (KECL) | Mexico | New Zealand | Philippines (PICCS) | Taiwan | TSCA: United States |
|---------------|------------|-----------|---------------------------|------------------|--------------|---------------|--------------|--------------------|--------|-------------|---------------------|--------|---------------------|
| Xanthan gum   | 11138-66-2 | 234-394-2 | Exempt                    | Y                | Y            | Y             | Y            | KE-35422           | Y      | Y           | Y                   | Y      | Y                   |

#### Legend

Y: Yes N: No Exempt

## SECTION 16: Other information

**Prepared by** CP Kelco Global Regulatory Affairs  
 Email: Regulatory.Affairs@cpkelco.com

**Reason for Revision** COMMISSION REGULATION (EU) No. 453/2010 of 20 May 2010.

**Hazards identification (CLP) Regulation (EC 1272/2008)** Not classified

**Physical Hazard** Not classified

**Health Hazards** Not classified

**Environmental Hazard** Not classified

### Labeling

**Symbols/Pictogram** None.

**Signal Word** None

**Hazard Statements** This product is not classified as hazardous according to the UN GHS guideline and labeling is not required  
 This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)

**Specific Hazards Arising from the Chemical** Warning. COMBUSTIBLE DUST MAY FORM COMBUSTIBLE (EXPLOSIVE) DUST/AIR MIXTURES. Material becomes extremely slippery when wet.

**Training Advice** Do not handle until all safety precautions have been read and understood.

**Abbreviations and acronyms** ACRONYMS: INTERNATIONAL: ADR: International Carriage of Dangerous Goods by Road. BOD: Biochemical Oxygen Demand. CLP: Classification, Labeling and Packaging. COD: Chemical Oxygen Demand. D.O.T.: U.S. Department of Transportation. ICAO International Civil Aviation Organization. IATA: International Air Transport Association. IARC: International Agency for Research on Cancer. IMO: International Maritime Organization. IMDG: International Maritime Dangerous Goods. INCI: International Nomenclature of Cosmetic Ingredients. OES: Occupational Exposure Standard. OR: EU REACH Only Representative. PPE: Personal protection equipment. RID: International Carriage by Rail. SCBA: self contained breathing apparatus. TLV-STEL: Threshold Limit Values - Short Term Exposure Limits. TWA: Time Weighted Averages. North America: CERCLA RQ: US EPA Comprehensive Environmental, Response, and Liability Act Reportable Quantity. CERCLA: US EPA Comprehensive Environmental Response, Compensation, and Liability Act of 1980. CONEG: Conference of North Eastern Governors. NIOSH/MSHA - National Institute for Occupational Safety and Health/Mine Safety and Health Administration. SARA: Superfund Amendments and Reauthorization Act (US EPA). TDG: Canada Transport of Dangerous Goods. WHMIS: Canada's Workplace Hazardous Materials

CP KELCO

# Safety Data Sheet

## KELTROL® CG-T

**Issue Date:** 01/Jun/2015  
**Print Date:** 25/Jun/2016

**Revision Number:** 1.2  
**Page 10 of 10**

Information System.

### Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text

**End of Safety Data Sheet**