

# Safety Data Sheet

## GENUGEL® carrageenan CG-130

This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006  
COMMISSION REGULATION (EU) No. 2020/878

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

#### 1.1. Product identifier

Product Name: GENUGEL® carrageenan CG-130

Pure substance/mixture                      Substance

Chemical Name	CAS Number	REACH registration number	EC No	(CLP) Regulation (EC 1272/2008)	% by Wt
Carrageenan	9000-07-1	Exempt	232-524-2	Not classified	--

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

Recommended Use                      Stabilizer Thickening agent

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

E-mail                                        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

Pure substance/mixture                      Substance

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

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### Hazards Identification

<b>Physical Hazard</b>	Not classified
<b>Health Hazards</b>	Not classified
<b>Environmental Hazard</b>	Not classified

### 2.2. Label elements

<b>Symbols/Pictograms</b>	None.
<b>Signal Word</b>	None
<b>Hazard Statements</b>	None

### Precautionary Statements

<b>Prevention</b>	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.
<b>Response</b>	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.
<b>Storage</b>	Keep in a dry place. Store away from incompatible materials.
<b>Disposal</b>	Dispose of contents/containers in accordance with local regulations.

**2.3. Other hazards** Warning. COMBUSTIBLE DUST MAY FORM COMBUSTIBLE (EXPLOSIVE) DUSTAIR MIXTURES. Material becomes extremely slippery when wet.

## SECTION 3: Composition/information on ingredients

### 3.1. Substance Substance

Chemical Name	CAS Number	EC No	REACH registration number	(CLP) Regulation (EC 1272/2008)	% by Wt
Carrageenan	9000-07-1	232-524-2	Exempt	Not classified	--

**Legend**

Exempt or - : this substance or its uses are exempted from REACH registration or no REACH registration obligation as annual tonnage <1tpa.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

**General Advice** Employ good industrial hygiene practice. Wear suitable protective clothing, gloves and eye/face protection. Ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves. When in doubt or

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if symptoms are observed, get medical advice.

**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**

Use extinguishing agent suitable for type of surrounding fire. Water spray (fog). Dry chemical. Foam. Carbon dioxide (CO<sub>2</sub>).

**Unsuitable Extinguishing Media**

None known.

**5.2. Special hazards arising from the substance or mixture**

Avoid dust formation. Do not breathe dust.

**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**

Use only non-sparking tools. Dust deposits should not be allowed to accumulate on surfaces, as these may form an explosive mixture if they are released into the atmosphere in sufficient concentration. Avoid dispersal of dust in the air (i.e.,

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clearing dust surfaces with compressed air). Keep unauthorized personnel away. Do not breathe dust. Use personal protection recommended in Section 8.

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

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

**6.2. Environmental precautions** Avoid runoff to waterways and sewers. 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 and dry. Store away from incompatible materials. See section 10.

### SECTION 8: Exposure controls/personal protection

**8.1. Control parameters**

**Occupational exposure limits**

**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

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### 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

<b>Physical State</b>	Solid Powder
<b>Color</b>	White , Yellowish , Light grayish , Light brownish
<b>Odor</b>	Odorless
<b>Odor Threshold</b>	No information available
<b>pH:</b>	8.0 - 11.0 (1 % solution)
<b>Melting Point / Melting Range</b>	No data available
<b>Boiling Point</b>	No information available
<b>Freezing Point</b>	Not applicable
<b>Flash Point:</b>	Not applicable
<b>Evaporation Rate</b>	No data available
<b>Flammability (solid, gas)</b>	-
<b>Flammability Limit in Air</b>	No data available
<b>Vapor Pressure</b>	No data available
<b>Vapor Density</b>	No data available
<b>Water Solubility</b>	Soluble
<b>Partition coefficient</b>	No data available
<b>Viscosity</b>	No information available
<b>Specific Gravity</b>	No data available
<b>Explosive Properties</b>	No information available
<b>Oxidizing Properties</b>	No data available
<b>VOC Content (%)</b>	Not applicable
<b>Decomposition Temperature</b>	No data available

## SECTION 10: Stability and reactivity

**10.1. Reactivity**                            None

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<b>10.2. Chemical stability</b>	Stable under normal conditions
<b>10.3. Possibility of hazardous reactions</b>	No specific hazard known
<b>10.4. Conditions to avoid</b>	Keep away from heat, sparks and flame.
<b>10.5. Incompatible materials</b>	None known.
<b>10.6. Hazardous decomposition products</b>	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.

#### 11.1. Information on toxicological effects

##### Carrageenan - 9000-07-1

Oral LD50 5400 mg/kg Rat

<b>Acute Toxicity</b>	Not classified.
<b>Chronic Toxicity</b>	No evidence of mutagenic, reproductive or carcinogenic effects.
<b>Reported Human Effects</b>	No evidence of mutagenic, reproductive or carcinogenic effects.
<b>Serious eye damage/eye irritation</b>	Dust may cause mechanical irritation to eyes Based on available data, the classification criteria are not met
<b>Respiratory Sensitization</b>	Based on available data, the classification criteria are not met. Inhalation of dust in high concentration may cause irritation of respiratory system.
<b>Skin Corrosion/Irritation</b>	Based on available data, the classification criteria are not met. Contact with dust can cause mechanical irritation or drying of the skin.
<b>Skin Sensitization</b>	Based on available data, the classification criteria are not met. Not a skin sensitizer.

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<b>Mutagenicity</b>	Based on available data, the classification criteria are not met.
<b>Reproductive Toxicity</b>	Based on available data, the classification criteria are not met
<b>Carcinogenicity</b>	Based on available data, the classification criteria are not met.
<b>Target Organ Effects</b>	No information available
<b>Specific target organ toxicity - Single exposure</b>	No information available
<b>Specific target organ toxicity - Repeated exposure</b>	No information available

### SECTION 12: Ecological information

<b>12.1. Ecotoxicity</b>	Not considered to be harmful to aquatic life.
<b>12.2. Persistence and degradability</b>	Readily biodegradable.
<b>12.3. Bioaccumulative potential</b>	No data available.
<b>Partition coefficient</b>	No data 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

### 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

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### SECTION 14: Transport information

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

<b>TDG -Canada</b>	Not regulated
<b>US DOT</b>	Not regulated
<b>ADR</b>	Not regulated
<b>RID</b>	Not regulated
<b>ADN</b>	Not regulated
<b>IATA</b>	Not regulated
<b>IMDG/IMO</b>	Not regulated
<b>ICAO</b>	Not regulated

14.1. UN number None

14.2. UN proper shipping name None

14.3. Transport hazard class(es) None

14.4. Packing group None

14.5. Environmental hazards No

14.6. Special precautions for user 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

##### Global Inventories

Chemical Name	CAS Number	EC No	Australia (AIC)	Canada (DSL)	China (IECSC)	Japan	S. Korea (KECL)	Mexico	New Zealand	Philippines (PICCS)	Taiwan	TSCA: United States
Carrageenan	9000-07-1	232-524-2	Y	Y	Y	N	KE-14-0067	Y	Y	Y	Y	A

##### Legend

X / Y: Complies ; A: Active ; - / N: Exempt / Not Listed

**Chemical safety assessment** Not required

##### Carrageenan

REACH registration number Exempt  
Turkish KKDİK pre-registration 05-0000206157-15-0000

### SECTION 16: Other information

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

Reason for Revision COMMISSION REGULATION (EU) No. 2020/878



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### Hazards identification

<b>(CLP) Regulation (EC 1272/2008)</b>	Not classified
<b>Physical Hazard</b>	Not classified
<b>Health Hazards</b>	Not classified
<b>Environmental Hazard</b>	Not classified

### Labeling

<b>Symbols/Pictograms</b>	None
<b>Signal Word</b>	None
<b>Hazard Statements</b>	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) Combustible dusts
<b>Hazards not otherwise classified (HNOC)</b>	COMBUSTIBLE DUST MAY FORM COMBUSTIBLE (EXPLOSIVE) DUST/ AIR MIXTURES.

### Training Advice

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

### Abbreviations and acronyms

International Agency for Research on Cancer (IARC)  
International Air Transport Association (IATA)  
International Maritime Dangerous Goods (IMDG)  
International Uniform Chemical Information Database (IUCLID)  
Workplace Hazardous Materials Information System (WHMIS) status and classification  
EPA SARA Title III Section 312 (40 CFR 370) Hazard Classification  
DOT (Department of Transportation)  
OSHA (Occupational Safety and Health Administration of the US Department of Labor)  
TWA - Time-Weighted Average  
Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA)  
The Classification, Labeling and Packaging of Substances and Mixtures (CLP) Regulation (EC 1272/2008)  
PPE - Personal Protection Equipment  
NIOSH - National Institute for Occupational Safety and Health  
TDG (Transport of Dangerous Goods) Canada  
CERCLA (Comprehensive Environmental Response, Compensation, and Liability Act)  
Reportable Quantity (RQ) (RQ/% in mixture)  
STEL - Short Term Exposure Limit  
TLV® - Threshold Limit Value  
Derived No Effect Level (DNEL)  
SVHC: Substances of Very High Concern for Authorization:  
Land transport (ADR/RID)  
Biochemical oxygen demand (BOD)  
Chemical oxygen demand (COD)  
ICAO (air)  
(IMDG) International Maritime Dangerous Goods  
Positive Pressure Self-Contained Breathing Apparatus (SCBA)  
Predicted No Effect Concentration (PNEC)  
Globally Harmonized System (GHS)

### 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

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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**