

Safety Data Sheet

GENUTINE® type VCS

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

Issue Date: 06/Dec/2018
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SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product Name: GENUTINE® type VCS

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 Thickening agent

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

Hazards Identification

Physical Hazard Not classified

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Health Hazards Not classified

Environmental Hazard Not classified

2.2. Label elements

Symbols/Pictograms None.

Signal Word None

Hazard Statements None

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 Warning. COMBUSTIBLE DUST MAY FORM COMBUSTIBLE (EXPLOSIVE) DUST/AIR MIXTURES. Material becomes extremely slippery when wet.

SECTION 3: Composition/information on ingredients

3.1. Substances

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

X / Y: Complies - / N: Not Listed Exempt

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.

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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 ₂).
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., 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.

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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

Carrageenan - 9000-07-1

ACGIH
OSHA

Not established
Not established

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

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

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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 Powder
Color	White to light yellow -- light tan
Odor	Odorless
Odor Threshold	No information available
pH:	7.0 - 10.0 solution (1 %)
Melting Point / Melting Range	No data available
Boiling Point	No information available
Freezing Point	Not applicable
Flash Point:	Not applicable
Evaporation Rate	No data available
Flammability (solid, gas)	-
Flammability Limit in Air	No data available
Vapor Pressure	No data available
Vapor Density	No data available
Water Solubility	Soluble
Partition coefficient	No data available
Viscosity	No information available
Specific Gravity	No data available
Explosive Properties	No information available
Oxidizing Properties	No data available
VOC Content (%)	Not applicable
Decomposition Temperature	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	No specific hazard known
10.4. Conditions to avoid	Keep away from heat, sparks and flame.

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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

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

11.1. Information on toxicological effects

Carrageenan - 9000-07-1

Oral LD50 5400 mg/kg Rat

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

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Specific target organ toxicity - Single exposure No information available

Specific target organ toxicity - Repeated exposure No information available

SECTION 12: Ecological information

12.1. Ecotoxicity Not considered to be harmful to aquatic life.

12.2. Persistence and degradability Readily biodegradable.

12.3. Bioaccumulative potential No data available.

Partition coefficient No data available.

Bioconcentration factor (BCF) Not available.

12.4. Mobility in soil No data available.

12.5. Results of PBT and vPvB assessment This substance does not meet the criteria for classification as PBT or vPvB.

12.6. Other adverse effects None known

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Contaminated Packaging Empty containers should be taken to an approved waste handling site for recycling or disposal

Waste codes Waste codes should be assigned by the user based on the application for which the product was used

Disposal Methods Dispose of waste product or used containers according to local regulations

Carrageenan - 9000-07-1

European Waste Catalog 160306

SECTION 14: Transport information

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

TDG -Canada Not regulated
US DOT Not regulated
ADR Not regulated

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RID Not regulated
 ADN Not regulated
 IATA Not regulated
 IMDG/IMO Not regulated
 ICAO 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	REACH registration number	Australia (AICS)	Canada (DSL)	China (IECSC)	Japan	S. Korea (KECL)	Mexico	New Zealand	Philippines (PICCS)	Taiwan	TSCA: United States
Carrageenan	9000-07-1	232-524-2	Exempt	Y	Y	Y	KE-14-0067	Y	Y	Y	Y	Y	Y

Legend

X / Y: Complies - / N: Not Listed Exempt

Chemical safety assessment Not required

SECTION 16: Other information

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

Reason for Revision COMMISSION REGULATION (EU) No. 2015/830

Hazards identification

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

Physical Hazard Not classified

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Health Hazards Not classified

Environmental Hazard Not classified

Labeling

Symbols/Pictograms 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)
Combustible dusts

Hazards not otherwise classified (HNOC) 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 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