

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
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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

DREIANGEL KOSMETIKROHTSTOFFE GMBH
Höhenweg 1, CH-5102 Rapperswil
Tel. 062 897 38 48 info@dreiangel.ch

1.4. Emergency telephone number TOX-ZENTRUM
Tel. 145

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

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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	--

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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 (CO₂). 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.

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- 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

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

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

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 n-octanol/water (log Kow)	No information available
Autoignition Temperature	Not applicable

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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

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.

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

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

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

SECTION 12: Ecological information

12.1	
12.1. Ecotoxicity	Not classified.
<u>Xanthan gum - 11138-66-2</u>	
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
12.2. Persistence and degradability	Readily biodegradable.
12.3. Bioaccumulative potential	No data available.
Partition coefficient n-octanol/water (log Kow)	Not 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

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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

Xanthan gum - 11138-66-2
European Waste Catalog 160306

SECTION 14: Transport information

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

ADR	Not regulated
RID	Not regulated
ADN	Not regulated
IATA	Not regulated
IMDG	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

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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

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

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Information System.

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End of Safety Data Sheet