

# SAFETY DATA SHEET



This safety data sheet was created pursuant to the requirements of: Regulation (EC) No. 1907/2006 and Regulation (EC) No. 1272/2008

Revision date 24-Aug-2022

Revision Number 2

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

### 1.1. Product identifier

Product Name TEXTURECEL™ 10000 G Sodium Carboxymethylcellulose

Product Code(s) 12700030

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

Recommended use Thickening agent  
Binder  
film  
Processing aid  
We recommend that you use this product in a manner consistent with the listed use. If your intended use is not consistent with the stated use, please contact your sales or technical service representative.

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

#### Supplier

Nutrition & Biosciences Netherlands B.V.  
Willem Einthovenstraat 4  
2342 BH Oegstgeest The Netherlands  
Tel.: +31 71 5686 168  
Fax: +31 71 5686 169

E-mail address sds.genencor@iff.com

### 1.4. Emergency telephone number

Emergency Telephone See section 16 for more information\*\*\*

Emergency Telephone - §45 - (EC)1272/2008	
Europe	112
Poison control centre phone number	112 (Europe)

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

Regulation (EC) No 1272/2008  
This substance is classified as not hazardous according to regulation (EC) 1272/2008 [CLP]\*\*\*

### 2.2. Label elements

This substance is classified as not hazardous according to regulation (EC) 1272/2008 [CLP]\*\*\*

### 2.3. Other hazards

WARNING. May form combustible dust concentrations in air.\*\*\*

### SECTION 3: Composition/information on ingredients

#### 3.1 Substances\*\*\*

#### 3.2 Mixtures\*\*\* Not applicable\*\*\*

Chemical name	Weight-%	REACH registration number	EC No	Classification according to Regulation (EC) No. 1272/2008 [CLP]	Specific concentration limit (SCL)	M-Factor	M-Factor (long-term)
Sodium carboxymethylcellulose 9004-32-4	90 - 95	No data available	-	Not classified	-	-	-

Full text of H- and EUH-phrases: see section 16

Acute Toxicity Estimate  
No information available

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

<b>General advice</b>	When in doubt or if symptoms are observed, get medical advice.
<b>Inhalation</b>	IF INHALED: Remove person to fresh air and keep comfortable for breathing. If experiencing respiratory symptoms: Call a POISON CENTER or doctor.
<b>Eye contact</b>	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
<b>Skin contact</b>	IF ON SKIN: Wash with plenty of water and soap. If skin irritation occurs: Get medical advice/attention.
<b>Ingestion</b>	IF SWALLOWED: Never give anything by mouth to an unconscious person. Drink plenty of water. Get medical attention if symptoms occur.

#### 4.2. Most important symptoms and effects, both acute and delayed

**Symptoms** Get medical attention if irritation or other symptoms occur.

#### 4.3. Indication of any immediate medical attention and special treatment needed

**Note to doctors** Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

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

**Unsuitable extinguishing media** Keep product and empty container away from heat and sources of ignition. Do not use water jetstream.

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

**Specific hazards arising from the chemical** Fine dust dispersed in air, in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard.

**Hazardous combustion products** Smoke production.

### 5.3. Advice for firefighters

**Special protective equipment and precautions for fire-fighters** Positive pressure self-contained breathing apparatus (SCBA) and structural firefighters' protective clothing will provide adequate protection.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

**Personal precautions** 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). Use personal protection recommended in Section 8. Sweep up to prevent slipping hazard.

**For emergency responders** Use personal protection recommended in Section 8.

### 6.2. Environmental precautions

**Environmental precautions** Clean contaminated objects and areas thoroughly observing environmental regulations.

### 6.3. Methods and material for containment and cleaning up

**Methods for containment** Sweep up and shovel into suitable containers for disposal. Avoid dust formation. Dispose of in accordance with local regulations.

**Methods for cleaning up** Use industrial vacuum cleaners approved for combustible dust and area electrical classification.

**Prevention of secondary hazards** Clean contaminated objects and areas thoroughly observing environmental regulations.

### 6.4. Reference to other sections

**Reference to other sections** See section 8 for more information.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

**Advice on safe handling** Avoid generation of dust and aerosols. Avoid contact with eyes, skin and clothing. Minimise dust generation and accumulation. Combustible dust clouds may be created where operations produce fine material (dust). Avoid significant deposits of material, especially on horizontal surfaces, which may become airborne and form combustible dust clouds and

may contribute to secondary explosions. Handling and processing operations should be conducted in accordance with 'best practices' (e.g. NFPA- 654).

**General hygiene considerations** Handle in accordance with good industrial hygiene and safety practice. Regular cleaning of equipment, work area and clothing is recommended. Avoid contact with eyes, skin and clothing. Wear suitable gloves and eye/face protection.

### 7.2. Conditions for safe storage, including any incompatibilities

**Storage Conditions** Keep/store only in original container. Keep container tightly closed in a dry and well-ventilated place.

### 7.3. Specific end use(s)

**Specific use(s)** See section 1 for more information.

## **SECTION 8: Exposure controls/personal protection**

### 8.1. Control parameters

**Exposure Limits** Based on data available for ingredients

### 8.2. Exposure controls

**Engineering controls** Ensure adequate ventilation. Avoid generation of dust and aerosols.

### Personal protective equipment

**Eye/face protection** Wear safety glasses with side shields (or goggles).

**Hand protection** Wear protective gloves.

**Skin and body protection** Wear protective gloves and protective clothing.

**Respiratory protection** If exposure limits are likely to be exceeded or if irritation or other symptoms are experienced, NIOSH/MSHA or EN 136 approved respiratory protection should be worn.

**General hygiene considerations** Handle in accordance with good industrial hygiene and safety practice. Regular cleaning of equipment, work area and clothing is recommended. Avoid contact with eyes, skin and clothing. Wear suitable gloves and eye/face protection.

## **SECTION 9: Physical and chemical properties**

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

<b>Appearance</b>	Powder or Granules
<b>Physical state</b>	Solid***
<b>Colour</b>	White to off-white
<b>Odour</b>	Odourless
<b>Odour threshold</b>	No information available

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
<b>pH</b>	6.5 - 8.5	1 % aqueous solution
<b>Melting point / freezing point</b>	No data available	None known
<b>Initial boiling point and boiling range</b>	No data available	None known

<b>Flash point</b>	No data available	CC (closed cup)
<b>Evaporation rate</b>	No data available	None known
<b>Flammability (solid, gas)</b>	No data available	None known
<b>Flammability Limit in Air</b>		Not applicable to Solids
<b>Upper flammability or explosive limits</b>	No data available	
<b>Lower flammability or explosive limits</b>	No data available	
<b>Vapour pressure</b>	No data available	None known
<b>Relative vapour density</b>	No data available	None known
<b>Relative density</b>	No data available	None known
<b>Bulk density</b>	No data available	
<b>Liquid Density</b>	No data available	
<b>Water solubility</b>	No data available	Soluble
<b>Solubility(ies)</b>	No data available	None known
<b>Partition coefficient</b>	No data available	None known
<b>Autoignition temperature</b>	170 °C	Key literature references and sources for data
<b>Decomposition temperature</b>	135	Decomposes Differential Scanning Calorimetry (DSC) Decomposes on heating
<b>Kinematic viscosity</b>	No data available	None known
<b>Dynamic viscosity</b>	No data available	Solid
<b>Particle characteristics</b>		
<b>Particle Size</b>		Not applicable
<b>Particle Size Distribution</b>		Not applicable

## 9.2. Other information

### 9.2.1. Information with regards to physical hazard classes

Not applicable

Explosive properties                      No data available

### 9.2.2. Other safety characteristics

No information available

**Sensitivity to mechanical impact**      No

## **SECTION 10: Stability and reactivity**

### 10.1. Reactivity

**Reactivity**                                      Not expected.

### 10.2. Chemical stability

**Stability**                                        Stable under normal conditions.

#### Explosion data

**Sensitivity to mechanical impact**      No.

**Sensitivity to static discharge**        Yes.

### 10.3. Possibility of hazardous reactions

**Possibility of hazardous reactions**      None under normal processing.

**Hazardous polymerisation**                Hazardous polymerisation does not occur.

### 10.4. Conditions to avoid

**Conditions to avoid**                        Heat, flames and sparks. May form combustible dust concentrations in air.

### 10.5. Incompatible materials

**Incompatible materials**                    Keep away from heat, flames and sparks.

**10.6. Hazardous decomposition products**

**Hazardous decomposition products** No hazardous decomposition products known

**SECTION 11: Toxicological information**

**11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008**

**Product Information**

**Acute toxicity**

<b>Inhalation</b>	No information or data specific to the product on this toxicological (health) effect is available.
<b>Eye contact</b>	No information or data specific to the product on this toxicological (health) effect is available.
<b>Skin contact</b>	No information or data specific to the product on this toxicological (health) effect is available.
<b>Ingestion</b>	No information or data specific to the product on this toxicological (health) effect is available.

**Symptoms related to the physical, chemical and toxicological characteristics**

**Symptoms** Get medical attention if irritation or other symptoms occur.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

<b>Respiratory or skin sensitisation</b>	No information available
<b>Germ cell mutagenicity</b>	No information available.
<b>Carcinogenicity</b>	No information available.
<b>Reproductive toxicity</b>	No information available.
<b>STOT - single exposure</b>	No information available.
<b>STOT - repeated exposure</b>	No information available.
<b>Aspiration hazard</b>	No information available.

**Numerical measures of toxicity**

**Component Information** Classification based on data available for ingredients

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Sodium carboxymethylcellulose	= 27000 mg/kg ( Rat )	>2 g/kg (Rabbit)	>5800 mg/m <sup>3</sup> ( Rat ) 4 h

*Sodium carboxymethylcellulose 9004-32-4*  
**Eye irritation** May cause slight irritation

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<b>Skin irritation</b>	Not expected
<b>Respiratory irritation</b>	Not expected
<b>Sensitisation</b>	Not expected
<b>Reproductive effects</b>	Not expected
<b>Mutagenic effects</b>	Not expected
<b>Systemic Toxicity</b>	Not expected
<b>Carcinogenicity</b>	Not expected
<b>Teratogenicity</b>	Not expected

## **11.2. Information on other hazards**

### **11.2.1. Endocrine disrupting properties**

**Endocrine disrupting properties** This product does not contain any known or suspected endocrine disruptors.

### **11.2.2. Other information**

**Other adverse effects** No information available.

## SECTION 12: Ecological information

### 12.1. Toxicity

**Ecotoxicity** Based on data available for ingredients.

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Sodium carboxymethylcellulose 9004-32-4	ErC50: >500 mg/l (Selenastrum capricornutum)	LC50: 1,414 mg/l (Danio rerio)	EC50: 1,141 mg/l (Daphnia magna)	-

### 12.2. Persistence and degradability

**Persistence and degradability** Based on data available for ingredients.

Chemical name	Biodegradation
Sodium carboxymethylcellulose 9004-32-4	Not readily biodegradable (0% after 28 days).

### 12.3. Bioaccumulative potential

**Bioaccumulative potential** Based on data available for ingredients

**Component Information** Based on data available for ingredients

### 12.4. Mobility in soil

**Mobility** No information available.

### 12.5. Results of PBT and vPvB assessment

**PBT and vPvB assessment** Based on data available for ingredients

### 12.6. Endocrine disrupting properties

**Endocrine disrupting properties** This product does not contain any known or suspected endocrine disruptors.

### 12.7. Other adverse effects

**Other adverse effects** No information available.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

**Waste from residues/unused products** Dispose of wastes in an approved waste disposal facility. Dispose of contents and container in accordance with local, regional, national, and international regulations as applicable.

**Contaminated packaging** Dispose of empty containers and wastes safely. Dispose of waste product or used containers according to local regulations.

## SECTION 14: Transport information

### IATA

14.1 UN number or ID number Not regulated

14.2 Extended Proper Shipping Not regulated



**Name**

14.3 Transport hazard class(es)	Not regulated
14.4 Packing group	Not regulated
14.5 Environmental hazards	Not applicable
14.6 Special Precautions for Users Special Provisions	None

**IMDG**

14.1 UN number or ID number	Not regulated
14.2 EPNM	Not regulated
14.3 Transport hazard class(es)	Not regulated
14.4 Packing group	Not regulated
14.5 Environmental hazards	Not applicable
14.6 Special Precautions for Users Special Provisions	None
14.7 Maritime transport in bulk according to IMO instruments	No information available

**RID**

14.1 UN number	Not regulated
14.2 Extended Proper Shipping Name	Not regulated
14.3 Transport hazard class(es)	Not regulated
14.4 Packing group	Not regulated
14.5 Environmental hazards	Not applicable
14.6 Special Precautions for Users Special Provisions	None

**ADR**

14.1 UN number or ID number	Not regulated
14.2 UN proper shipping name	Not regulated
14.3 Transport hazard class(es)	Not regulated
14.4 Packing group	Not regulated
14.5 Environmental hazards	Not applicable
14.6 Special Precautions for Users Special Provisions	None

**SECTION 15: Regulatory information**

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

**Water hazard class (WGK)** Based on data available for ingredients

**Mixture** Based on data available for ingredients

Chemical name	CAS No	WGK Classification (AwSV)
Sodium carboxymethylcellulose	9004-32-4	Klasse (class) 1

**Authorisations and/or restrictions on use:**

This product does not contain substances subject to authorisation (Regulation (EC) No. 1907/2006 (REACH), Annex XIV). This product does not contain substances subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII).

Chemical name	AICS	DSL/NDSL	EINECS/ELINCS	ENCS	IECSC	KECL	PICCS
Sodium	X	X	-	X	X	X	X

Chemical name	AICS	DSL/NDSL	EINECS/ELINCS	ENCS	IECSC	KECL	PICCS
carboxymethylcellulose 9004-32-4							

### 15.2. Chemical safety assessment

Chemical Safety Report No information available

## SECTION 16: Other information

### Legend

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory  
**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List  
**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances  
**ENCS** - Japan Existing and New Chemical Substances  
**IECSC** - China Inventory of Existing Chemical Substances  
**KECL** - Korean Existing and Evaluated Chemical Substances  
**PICCS** - Philippines Inventory of Chemicals and Chemical Substances  
**AICS** - Australian Inventory of Chemical Substances

**Further information** ATEX Directive 1999/92/EC, Workplace Requirements for Explosive Atmospheres  
 ATEX Directive 94/9/EC, Equipment for use in Explosive Atmospheres

Telephone enquiry:  
 CHEMTREC NUMBERS  
 Belgium: 32-28083237  
 Bulgaria: 359-32570104  
 Croatia: 385-17776920  
 Czech Republic: 420-228880039  
 Denmark: 45-69918573  
 Estonia: 372-6681294  
 Finland: 358-942419014  
 France: 33-975181407  
 Germany: 0800-181-7059  
 Greece: 30-2111768478  
 Hungary: 36-18088425  
 Iceland: 354 539 0655  
 India: 000-800-100-7141  
 Ireland: 353-19014670  
 Israel: 972-37630639  
 Italy: 39-0245557031  
 Latvia: 371-66165504  
 Lithuania: 370-52140238  
 Luxembourg: 352-20202416  
 Macedonia: 389 2 551 7456  
 Mexico: 01-800-681-9531  
 Netherlands: 31-858880596  
 Nigeria: 234 1 227 8883  
 Poland: 48-223988029  
 Portugal: 351-308801773  
 Romania: 40-37-6300026  
 Russia: 8-800-100-6346  
 Saudi Arabia: 966-8111095861  
 Slovakia: 421-233057972  
 Slovenia: 38-618888016  
 South Africa: 0-800-983-611

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Spain: 34-931768545  
Sweden: 46-852503403  
Switzerland: 41-435082011  
Turkey: 90-212-7055340  
Ukraine: 380-947101374  
United Kingdom: 44-870-8200418 and 44-2038073798  
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Revision date 24-Aug-2022

Reason for revision \*\*\*Indicates updated section

This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006

**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**