



# 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 16-Apr-2024

Revision Number 1

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

### 1.1. Product identifier

Product Name TEXTURECEL™ 40000 GA Sodium Carboxymethylcellulose

Product Code(s) 61055799

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

Recommended use Industrial

Uses advised against None under normal use conditions

### 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

See section 16 for more information

### Emergency Telephone - §45 - (EC)1272/2008

#### Poison control centre phone number

Italy:  
Telephone numbers of the main poison control centers (CAV) active 24/24h:  
CAV "Osp. Pediatrico Bambino Gesù", Piazza Sant'Onofrio 4, 00165 Roma, Tel. 0668593726  
Az. Osp. Univ. Foggia, Via le Luigi Pinto 1, 71122 Foggia, Tel. 800183459  
Az. Osp. "A. Cardarelli", Via A. Cardarelli 9, 80131 Napoli, Tel. 081-5453333  
CAV Policlinico "Umberto I", Via le del Policlinico 155, 00161 Roma, Tel. 06-49978000  
CAV Policlinico "A. Gemelli" Largo Agostino Gemelli 8, 00168 Roma, Tel. 06-3054343  
Az. Osp. "Careggi" U.O. Tossicologia Medica, Largo Brambilla 3, 50134 Firenze, Tel. 055-7947819  
CAV Centro Nazionale di Informazione Tossicologica, Via Salvatore Maugeri 10, 27100 Pavia, Tel. 0382-24444  
Osp. Niguarda Ca' Granda, Piazza Ospedale Maggiore 3, 20162 Milano, Tel. 02-66101029  
Azienda Ospedaliera Papa Giovanni XXII, Piazza OMS 1, 24127 Bergamo, Tel. 800883300  
Azienda Ospedaliera Integrata Verona, Piazzale Aristide Stefani 1, 37126 Verona, Tel. 800011858  
  
Austria: +43 (0) 14064343  
Belgium: +32 (0) 70245245  
Bulgaria: +359 2 9154 233  
Croatia: +3851 2348 342

|  |   |
|--|---|
|  | Cyprus: 1401 (only from within Cyprus)<br>Czech Republic: +420 224 919 293<br>Denmark: +45 8212 1212<br>Estonia: +372 7943 794<br>Finland: +0800 147 111 (only from within Finland)<br>France: + 33 (0)1 45 42 59 59<br>Germany: +49 (0) 55119240<br>Greece: +30 2107793777<br>Hungary: +36-80-201-199<br>Iceland: +543 1000 (only from within Iceland)<br>Ireland: +353 (0) 18379964<br>Latvia: +371 67042473<br>Liechtenstein: +41 442 515 151<br>Lithuania: +370 (85) 2362052<br>Luxembourg: (+352) 8002 5500<br>Malta: +2122 4071 (only from within Malta)<br>the Netherlands: +31 (0)88 755 8000 (only for medical professionals)<br>Norway: +22 59 13 00 (only from within Norway)<br>Poland: +48 (22) 6 19 08 97<br>Portugal: +351 800 250 250<br>Romania: +40213183606<br>Slovakia: +421 2 5477 4166<br>Slovenia: +386 (0) 1 522 50 50<br>Spain: +34 91 562 04 20<br>Sweden: +010-456 6700 (only from within Sweden for less urgent cases; urgent cases: 112)<br>Switzerland: +41 442 515 151 |
|--|---|

## 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. The components in this formulation do not meet the criteria for classification as PBT or vPvB.

## SECTION 3: Composition/information on ingredients

### 3.1 Substances

3.2 Mixtures Not applicable

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

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

Acute Toxicity Estimate

If LD50/LC50 data is not available or does not correspond to the classification category, then the appropriate conversion value from CLP Annex I, Table 3.1.2, is used to calculate the acute toxicity estimate (ATEmix) for classifying a mixture based on its components

| Chemical name                              | Oral LD50 mg/kg       | Dermal LD50 mg/kg | Inhalation LC50 - 4 hour - dust/mist - mg/L | Inhalation LC50 - 4 hour - vapour - mg/L | Inhalation LC50 - 4 hour - gas - ppm |
|--|-----------------------|-------------------|---|--|--------------------------------------|
| Sodium carboxymethylcellulose<br>9004-32-4 | = 27000 mg/kg ( Rat ) | >2 g/kg (Rabbit)  | 5.8   | No data available                        | No data available                    |

**SECTION 4: First aid measures**

**4.1. Description of first aid measures**

- General advice** When in doubt or if symptoms are observed, get medical advice.
- Inhalation** IF INHALED: Remove person to fresh air and keep comfortable for breathing. If experiencing respiratory symptoms: Call a POISON CENTER or doctor.
- Eye contact** 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.
- Skin contact** IF ON SKIN: Wash with plenty of water and soap. If skin irritation occurs: Get medical advice/attention.
- Ingestion** 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

| Chemical name      | European Union | France  | Spain   | Germany TRGS | Czech Republic |
|--------------------|----------------|---|---|--------------|----------------|
| Dust, non-specific | -              | TWA: 10 mg/m <sup>3</sup><br>TWA: 5 mg/m <sup>3</sup> | TWA: 10 mg/m <sup>3</sup><br>TWA: 3 mg/m <sup>3</sup> | -            | -              |

| Chemical name      | Italy MDLPS | Portugal  | Netherlands | Finland | Denmark |
|--------------------|-------------|---|-------------|---------|---------|
| Dust, non-specific | -           | TWA: 10 mg/m <sup>3</sup><br>TWA: 3 mg/m <sup>3</sup> | -           | -       | -       |

| Chemical name      | Austria | Switzerland | Poland | Norway  | Ireland   |
|--------------------|---------|-------------|--------|---|---|
| Dust, non-specific | -       | -           | -      | TWA: 10 mg/m <sup>3</sup><br>TWA: 5 mg/m <sup>3</sup><br>STEL: 20 mg/m <sup>3</sup><br>STEL: 10 mg/m <sup>3</sup> | TWA: 10 mg/m <sup>3</sup><br>TWA: 4 mg/m <sup>3</sup><br>STEL: 30 mg/m <sup>3</sup><br>STEL: 12 mg/m <sup>3</sup> |

| Chemical name      | Belgium   | Sweden | Croatia | Greece | Romania |
|--------------------|---|--------|---------|--------|---------|
| Dust, non-specific | TWA: 3 mg/m <sup>3</sup><br>TWA: 10 mg/m <sup>3</sup> | -      | -       | -      | -       |

**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.

|                                       |  |
|---------------------------------------|--|
| <b>Respiratory protection</b>         | 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.  |
| <b>General hygiene considerations</b> | 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 |

| Property                                       | Values            | Remarks • Method                                |
|--|-------------------|---|
| <b>pH</b>                                      | No data available | None known                                      |
| <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 | May form combustible dust concentrations in air |
| <b>Flammability Limit in Air</b>               |                   | None known                                      |
| <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>                | No data available | No data available                               |
| <b>Decomposition temperature</b>               |                   | None known                                      |
| <b>Kinematic viscosity</b>                     | No data available | None known                                      |
| <b>Dynamic viscosity</b>                       | No data available | None known                                      |
| <b>Particle characteristics</b>                |                   |   |
| <b>Particle Size</b>                           |                   | Not applicable                                  |
| <b>Particle Size Distribution</b>              |                   | Not applicable                                  |

### 9.2. Other information

|                        |                   |
|------------------------|-------------------|
| <b>Softening point</b> | No data available |
|------------------------|-------------------|

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

|                      |                    |
|----------------------|--------------------|
| Not applicable       |                    |
| Explosive properties | No data available. |

#### **9.2.2. Other safety characteristics**

|   |    |
|---|----|
| <b>Sensitivity to mechanical impact</b> | 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

Inhalation No information or data specific to the product on this toxicological (health) effect is available.

Eye contact No information or data specific to the product on this toxicological (health) effect is available.

Skin contact No information or data specific to the product on this toxicological (health) effect is available.

Ingestion 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

Respiratory or skin sensitisation No information available.

Germ cell mutagenicity No information available.

Carcinogenicity No information available.

**Reproductive toxicity** No information available.  
**STOT - single exposure** No information available.  
**STOT - repeated exposure** No information available.  
**Aspiration hazard** 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 | -         | -           | > 5800 mg/m <sup>3</sup> ( Rat ) 4 h |

*Sodium carboxymethylcellulose 9004-32-4*

**Eye irritation** May cause slight irritation  
**Skin irritation** Not expected  
**Respiratory irritation** Not expected  
**Sensitisation** Not expected  
**Reproductive effects** Not expected  
**Mutagenic effects** Not expected  
**Systemic Toxicity** Not expected  
**Carcinogenicity** Not expected  
**Teratogenicity** 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 (zebra fish) | -                          | EC50: 1,414 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 in soil** 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 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

**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**

International Inventories: Based on data available for ingredients

| Chemical name                              | AICS | DSL/NDSL | EINECS/ELINCS | ENCS | IECSC | KECL | PICCS |
|--|------|----------|---------------|------|-------|------|-------|
| Sodium carboxymethylcellulose<br>9004-32-4 | X    | X        | -             | X    | X     | X    | X     |

**National regulations**

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

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

France Occupational Illnesses (R-463-3, France) Based on data available for ingredients

**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).

**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

**Use CHEMTREC instead of Emergency Phone Number**

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  
 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  
Spain: 34-931768545  
Sweden: 46-852503403  
Switzerland: 41-435082011  
Ukraine: 380-947101374  
United Kingdom: 44-870-8200418 and 44-2038073798

Revision date 16-Apr-2024

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**