

**PRODUCT DATA SHEET**

**CSM Bakery Solutions**  
www.csmbakerysolutions.com



|                  |                                |
|------------------|--------------------------------|
| Last changed on: | 01.01.2019                     |
| EAN code:        | 5025183027359<br>5025183027359 |

**CALCIUM PROPIONATE 2****MATERIAL CODES**

|                                          |                                        |
|------------------------------------------|----------------------------------------|
| <b>Article number</b>                    |                                        |
| CSM article number                       | <b>10141592</b>                        |
| <b>Company</b>                           |                                        |
| CSM UNITED KINGDOM LTD<br>CSM Global One | <b>Product code</b><br>OAG<br>10141592 |

**NAME OF THE FOOD**

|                          |                    |
|--------------------------|--------------------|
| <b>Name of the food:</b> | Calcium propionate |
|--------------------------|--------------------|

**PRODUCT DESCRIPTION**

|                                |
|--------------------------------|
| Calcium salt of propionic acid |
|--------------------------------|

**GENERAL INFORMATION**

|                            |              |
|----------------------------|--------------|
| <b>Country of origin:</b>  | Germany      |
| <b>EU category:</b>        | Preservative |
| <b>Product origin:</b>     | Synthetical  |
| <b>Product type:</b>       | Synthetical  |
| <b>Physical condition:</b> | Powder       |

**USER INSTRUCTION**

|                    |
|--------------------|
| <b>Application</b> |
| Ready to use       |

**SENSORIAL INFORMATION**

|                       |                    |                |         |
|-----------------------|--------------------|----------------|---------|
| <b>Taste:</b>         | Typical            | <b>Odour:</b>  | Typical |
| <b>Visual aspect:</b> | Granulated, Powder | <b>Colour:</b> | White   |
| <b>Structure:</b>     | Granulate          |                |         |

**INGREDIENT DECLARATION**

|                                         |
|-----------------------------------------|
| Preservative Calcium propionate (E 282) |
|-----------------------------------------|

**NUTRITIONAL INFORMATION**

|                                            |                   |
|--------------------------------------------|-------------------|
| <b>Per 100 grams product</b>               |                   |
| <b>Energy:</b>                             | 980 kJ (234 kcal) |
| <b>Fat:</b>                                | 0,0 g             |
| of which safa:                             | 0,0 g             |
| of which mufa:                             | 0,0 g             |
| of which pufa:                             | 0,0 g             |
| <b>Carbohydrate:</b>                       | 0,0 g             |
| of which sugars (mono- and disaccharides): | 0,0 g             |
| <b>Fibre:</b>                              | 0,0 g             |
| <b>Protein:</b>                            | 0,0 g             |
| <b>Salt (Na x 2.5):</b>                    | 0,0000 g          |

**ADDITIONAL NUTRITIONAL INFORMATION**

|                              |             |
|------------------------------|-------------|
| <b>Per 100 grams product</b> |             |
| <b>Fats of which tfa:</b>    | 0,0 g       |
| <b>Salt (NaCl):</b>          | 0,0 mg      |
| <b>Minerals - Sodium:</b>    | 0,0 mg      |
| <b>Minerals - Calcium:</b>   | 20.000,0 mg |
| <b>Organic acids:</b>        | 74,0 g      |
| <b>Water:</b>                | 3,0 g       |

|                          |                             |
|--------------------------|-----------------------------|
| Article number: 10141592 | Last changed on: 01.01.2019 |
|--------------------------|-----------------------------|

## ALLERGENS INFORMATION

| Allergen                                                                                                                                                                 | Present |                 |         |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-----------------|---------|
|                                                                                                                                                                          | product | production line | factory |
| <b>Legal allergens (according to Regulation (EU) No 1169/2011)</b>                                                                                                       |         |                 |         |
| Cereals containing gluten and products thereof                                                                                                                           | No      | No              | No      |
| Wheat                                                                                                                                                                    | No      | No              | No      |
| Rye                                                                                                                                                                      | No      | No              | No      |
| Barley                                                                                                                                                                   | No      | No              | No      |
| Oat                                                                                                                                                                      | No      | No              | No      |
| Spelt                                                                                                                                                                    | No      | No              | No      |
| Kamut                                                                                                                                                                    | No      | No              | No      |
| Crustaceans and products thereof                                                                                                                                         | No      | No              | No      |
| Eggs and products thereof                                                                                                                                                | No      | No              | No      |
| Fish and products thereof                                                                                                                                                | No      | No              | No      |
| Peanuts and products thereof                                                                                                                                             | No      | No              | No      |
| Soybeans and products thereof                                                                                                                                            | No      | No              | No      |
| Milk and products thereof (including lactose)                                                                                                                            | No      | No              | No      |
| Nuts and products thereof                                                                                                                                                | No      | No              | No      |
| Almonds                                                                                                                                                                  | No      | No              | No      |
| Hazelnuts                                                                                                                                                                | No      | No              | No      |
| Walnuts                                                                                                                                                                  | No      | No              | No      |
| Cashew                                                                                                                                                                   | No      | No              | No      |
| Pecan nuts                                                                                                                                                               | No      | No              | No      |
| Brazil nuts                                                                                                                                                              | No      | No              | No      |
| Pistachio nuts                                                                                                                                                           | No      | No              | No      |
| Macadamia/Queensland nuts                                                                                                                                                | No      | No              | No      |
| Celery and products thereof                                                                                                                                              | No      | No              | No      |
| Mustard and products thereof                                                                                                                                             | No      | No              | No      |
| Sesame and products thereof                                                                                                                                              | No      | No              | No      |
| Sulphur dioxide and sulphites at concentrations > 10 mg/kg or > 10 mg/l                                                                                                  | 0 PPM * | No              | No      |
| Lupine and products thereof                                                                                                                                              | No      | No              | No      |
| Molluscs and products thereof                                                                                                                                            | No      | No              | No      |
| * According Regulation (EU) No 1169/2011, sulphur dioxide and sulphites only at concentration of more than 10 mg/kg or 10 mg/liter expressed as SO2 need to be labelled. |         |                 |         |
| <b>"May contain" allergens</b>                                                                                                                                           |         |                 |         |
| May contain traces of: -.                                                                                                                                                |         |                 |         |

## GMO INFORMATION

This product does not contain ingredients that require labelling according to regulation (EU) 1829/2003 and regulation (EU) 1830/2003.

## ORGANIC INFORMATION

Organic: No

## SUSTAINABILITY

|       |          |        |                     |
|-------|----------|--------|---------------------|
| Type: | No PO/PK | Value: | Supply chain model: |
|-------|----------|--------|---------------------|

## DIET INFORMATION

|                                       |                 |                                                       |     |
|---------------------------------------|-----------------|-------------------------------------------------------|-----|
| Kosher:                               | Yes - certified | Suitable for coeliac diet:                            | Yes |
| Halal:                                | Yes - certified | Suitable for persons with lactose intolerance:        | Yes |
| Suitable for (lacto ovo) vegetarians: | Yes             | Suitable for persons with cow's milk protein allergy: | Yes |
| Suitable for lacto vegetarians:       | Yes             |                                                       |     |
| Suitable for ovo vegetarians:         | Yes             |                                                       |     |
| Suitable for vegans:                  | Yes             |                                                       |     |

*Suitable for vegetarian/vegan is based on ingredients list and does not take into account possible cross contact during production.*

## CHEMICAL INFORMATION

|                         | Target | Interval  | Typical value | Method / Remarks         |
|-------------------------|--------|-----------|---------------|--------------------------|
| <b>pH</b>               |        |           |               |                          |
| pH 10 % solution:       |        | 6,0 - 9,0 |               | FCC, E 282               |
| <b>Contents</b>         |        |           |               |                          |
| Moisture content:       |        | <= 4 %    |               | FCC, 2h at 105°C / E 282 |
| <b>Others</b>           |        |           |               |                          |
| Water insoluble matter: |        | <= 0,3 %  |               | FCC, E 282               |

|                          |                             |
|--------------------------|-----------------------------|
| Article number: 10141592 | Last changed on: 01.01.2019 |
|--------------------------|-----------------------------|

## PHYSICAL INFORMATION

|               | Target | Interval | Typical value | Method / Remarks |
|---------------|--------|----------|---------------|------------------|
| <b>Others</b> |        |          |               |                  |
| Purity:       |        | > 99 %   |               | FCC, E 282       |

## MICROBIOLOGICAL INFORMATION

|                     | UOM   | M              | m | n | c: > m | Method / Remarks                                   |
|---------------------|-------|----------------|---|---|--------|----------------------------------------------------|
| Total viable count: | / g   | 1 000          |   |   |        | ISO 4833                                           |
| Enterobacteriaceae: | / g   | 10             |   |   |        | ISO 7402                                           |
| Moulds:             | / g   | 100            |   |   |        | ISO 7954                                           |
| Yeasts:             | / g   | 100            |   |   |        | ISO 7954                                           |
| Salmonella:         | /25 g | Not detectable |   |   |        | ISO 6579:2002                                      |
|                     |       |                |   |   |        | Microbiologic not part of supplier's specification |

## SHELF LIFE AND LOGISTICAL INFORMATION

|                              |                                      |
|------------------------------|--------------------------------------|
| <b>Storage conditions</b>    |                                      |
| Shelf life after production: | 1.095 Days                           |
| Storage temperature:         | 15 - 25 °C                           |
| Storage advice:              | Cool, Dry, Infestation free, Ambient |
| <b>Transport conditions</b>  |                                      |
| Transport temperature:       | 15 - 20 °C                           |

## PACKAGING INFORMATION

|                           |                                               |               |                       |                      |        |
|---------------------------|-----------------------------------------------|---------------|-----------------------|----------------------|--------|
| <b>Distribution unit</b>  |                                               |               |                       |                      |        |
| Weight net:               | 25 kg                                         | Weight gross: | 25,3 kg               |                      |        |
| <b>Pallet</b>             |                                               |               |                       |                      |        |
| Pallet type:              | Euro pallet                                   |               |                       |                      |        |
| DU's per layer:           | 3 PCE                                         | Layers:       | 10 PCE                | DU's per pallet:     | 30 PCE |
| Weight net:               | 750 kg                                        | Weight gross: | 785 kg                | Total pallet height: | 120 cm |
| <b>Primary packaging</b>  |                                               |               |                       |                      |        |
| Description:              | Bag                                           | Material:     | Paper with PE inliner |                      |        |
| Weight:                   | 274 g                                         |               |                       |                      |        |
| Colour:                   | Brown                                         |               |                       |                      |        |
| Length:                   | 950 mm                                        |               |                       |                      |        |
| Width:                    | 500 mm                                        |               |                       |                      |        |
| Height:                   | 180 mm                                        |               |                       |                      |        |
| Remarks:                  | 274 g per bag; 74 g PE film + 200 g Paper bag |               |                       |                      |        |
| <b>Coding</b>             |                                               |               |                       |                      |        |
| Production date:          | DD/MM/YY                                      | Expiry date:  | DD/MM/YY              | Lot code:            | LXY    |
| Name:                     | Yes                                           | Supplier:     | Yes                   | Material code:       | Yes    |
| EAN:                      | Yes                                           |               |                       |                      |        |
| <b>Tertiary packaging</b> |                                               |               |                       |                      |        |
| Description:              | Pallet                                        | Material:     | Wood                  |                      |        |
| Dimensions:               | 1200x800x144                                  |               |                       |                      |        |
| Weight:                   | 22.000 g                                      |               |                       |                      |        |
| Colour:                   | Brown                                         |               |                       |                      |        |
| <b>Coding</b>             |                                               |               |                       |                      |        |
| Production date:          | DD/MM/YY                                      | Expiry date:  | DD/MM/YY              | Lot code:            | LXY    |
| Name:                     | Yes                                           | Supplier:     | Yes                   | Material code:       | Yes    |
| EAN:                      | Yes                                           |               |                       |                      |        |

## CONTAMINATION

|                           | Legally maximum allowed level | Maximum value | Typical value | Method / Remarks |
|---------------------------|-------------------------------|---------------|---------------|------------------|
| <b>Heavy metals</b>       |                               |               |               |                  |
| As:                       | 3 mg/kg                       | 3 mg/kg       |               |                  |
| Fe:                       | 50 mg/kg                      | 50 mg/kg      |               |                  |
| Hg:                       | 1 mg/kg                       | 1 mg/kg       |               |                  |
| Pb:                       | 5 mg/kg                       | 5 mg/kg       |               |                  |
| <b>Other contaminants</b> |                               |               |               |                  |
| Fluoride                  | 10 mg/kg                      |               |               |                  |

|                                 |                                    |
|---------------------------------|------------------------------------|
| <b>Article number:</b> 10141592 | <b>Last changed on:</b> 01.01.2019 |
|---------------------------------|------------------------------------|

## FOOD SAFETY / HACCP

| Physical hazards - specific control system                              |                       |                                                             |                                                                                                                     |
|-------------------------------------------------------------------------|-----------------------|-------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|
| <b>Sieves:</b>                                                          | <b>Present</b><br>Yes | <b>Mesh:</b> 3 mm                                           | <b>Remarks</b><br>Sieve is placed before magnetic separator and filling area / material of sieve is stainless steel |
| <b>Metal detection:</b><br>Ferrous:<br>Non-ferrous:<br>Stainless steel: | Yes                   | Ø control device:<br>Ø control device:<br>Ø control device: |                                                                                                                     |
| <b>Others:</b>                                                          | Yes                   |                                                             | Metal separator                                                                                                     |

## LEGAL INFORMATION

| International ingredient numbering                                      |          |         |
|-------------------------------------------------------------------------|----------|---------|
| Type                                                                    | Number   | Remarks |
| EU (E-number)                                                           | E 282    |         |
| EU (E-number)                                                           | E 282    |         |
| CN code (EU)                                                            | 29155000 |         |
| CN code (EU)                                                            | 29155000 |         |
| All products are conform to the European and National food legislation. |          |         |

## STATEMENT

This document is generated from a validated QA/ERP database. The necessary validation steps in the database guarantee the information hereby given to be up to date and correct to the best of our knowledge. Therefore the document does not need to be signed. By accepting this specification document, the client assures himself to dispose of the latest and up to date specification information. All other means of product communication cannot be guaranteed to be up to date as they are not covered by a validated C&D management tool.