



Calcium chloride flakes

1. Product identification

Supplier product name	Calcium chloride flakes
Supplier product number	126.350.8-126.352.4
Origin	Synthetically produced mineral salt.
Manufacturer	Several
Country	Several

1.1 Composition

Single ingredient

Chemical name	calcium chloride dihydrate
Chemical formula	CaCl ₂ .2H ₂ O
Molecular weight	147,02

1.2 Legislative information

CAS-N ^o	10035-04-8
INTRASTAT CODE	2827200000
EINECS	233-140-8
Legal declaration	E509

2. Product information

	Unit	Specification	Method
2.1 Physical and Chemical properties			
Appearance		Flakes	
Colour		White	
Odour/taste		Odourless	
Assay	%	min. 77	
Bulk density	kg/m ³	800 - 900	
pH (In 5% CaCl ₂ solution at 20°C)		4,5 - 11	
Sieve Analysis < 6,3 mm	%	approx. 100	
< 4 mm	%	approx. 90	
< 2 mm	%	approx. 30	
< 1 mm	%	approx. 10	



2.2 Microbiological data

N.A.

2.3 Contaminants

2.3.1 Chemical contaminants

Insoluble in water	%	max. 0,9	
Magnesium and alkali salts	%	max. 4	E509
Alkalinity as Ca(OH) ₂	%	max. 0,3	
Fluorine (F)	ppm	max. 40	E509
Lead (Pb)	ppm	max. 2	E509
Arsenic (As)	ppm	max. 3	E509
Mercury (Hg)	ppm	max. 1	E509

2.3.2 Physical contaminants

Foreign body control Visual inspection

2.4 Nutritional Information (Regulation EC 1169/2011)

2.4.1 Nutritional Values

Energy	kJ/100g	-	
Energy	kcal/100g	-	
Protein	g/100g	0	
Carbohydrate:	g/100g	0	
Of which Sugars	g/100g	0	
Polyols	g/100g	0	
Starches	g/100g	0	
Others	g/100g	0	
Fat :	g/100g	0	
Of which Saturated	g/100g	0	
Mono-unsaturated	g/100g	0	
Poly-unsaturated	g/100g	0	
Transfatty acids	g/100g	0	
Cholesterol	mg/100g	0	
Fiber	mg/100g	0	
Water	g/100g	21	
Organic acid	g/100g	-	



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2.4.2 Minerals

Sodium	mg/100g	max. 1000	
Calcium	mg/100g	27000	
Fluor	mg/100g	max. 4	
Iron	mg/100g	max. 1	
Others:	mg/100g	-	

3. Food intolerances

3.1 Allergens (Regulation EC 1169/2011 annex II)

	Y / N	Direct Contamination	Cross-Contamination (Risk)
Cereals containing gluten, namely: wheat, rye, barley, oats, spelt, kamut or their hybridised strains, and products thereof	N	N	N
Crustaceans and products thereof	N	N	N
Eggs and products thereof	N	N	N
Fish and products thereof	N	N	N
Peanuts and products thereof	N	N	N
Soybeans and products thereof	N	N	N
Milk and products thereof (including lactose)	N	N	N



Nuts, namely: Almonds (<i>Amygdalus communis</i> L.) , Hazelnuts (<i>Corylus avellana</i>), Walnuts (<i>Juglans regia</i>), Cashews (<i>Anacardium occidentale</i>), Pecan nuts (<i>Carya illinoensis</i> (Wangenh.) K. Koch), Brazil nuts (<i>Bertholletia excelsa</i>), Pistachio nuts (<i>Pistacia vera</i>), Macadamia or Queensland nuts (<i>Macadamia ternifolia</i>), and products thereof	N	N	N
Celery and products thereof	N	N	N
Mustard and products thereof	N	N	N
Sesame seeds and products thereof	N	N	N
Sulphur dioxide and sulphites (> 10 mg/kg or 10 mg/litre SO ₂)	N	N	N
Lupin and products thereof	N	N	N
Molluscs and products thereof	N	N	N

3.2 Suitability for other diets

Coeliacs	Y	Lactose intolerant	Y
Halal	N	Vegans	Y
Kosher	N	Vegetarian	Y

3.3 GMO Declaration (Regulations EC 1829/2003 and EC 1830/2003)

This product does not contain genetically modified organisms and is not produced using raw materials of a genetically modified origin. At no stage during production does the product comes into contact with genetically modified organisms.

This product is falling under the scope of the EC Regulation n°1829/2003 on genetically modified food and feed and the EC Regulation n° 1830/2003 on the traceability and labeling of genetically modified organisms and the traceability of products derived from them and to modification of Directive 2001/18/EC.

3.4 Irradiation (Regulations EC 1999/2 and 1999/3)

This product was not subject to any kind of irradiation treatment

3.5 BSE/TSE Declaration

The used ingredients for Calcium Chloride 77-80% flakes (E509) are not of animal origin. The processing equipment and the packing material which is used to manufacture, pack or fill the products into the packing units do not come into contact with any meat or meat by- product.

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3.6 Residual Solvents, complies with

For the manufacturing of the product, no solvents are used.
This product complies with ICH guideline Q3D on residual solvents.

3.7 Regulatory information**The product complies with:**

Ph FCC, E509

EC Regulation 231/2012/EC on food additives listed in Annexes II and III (CALCIUM CHLORIDE).

EC Regulation n° 1881/2006 setting maximum levels for certain contaminants in foodstuffs.

The production plant complies with:

EC Regulation n° 852/2004 on hygienic requirements for the manufacturing of raw materials in the food industry.

4. Packaging

Packaging description

Bags

Packaging net content

1 kg, 5 kg, 25 kg

5. Storage conditions

Storage conditions

Must be kept in a cool, dry and well ventilated environment, in closed original packaging.

Shelf life

(recommended re-analysis)

24 months after production, under the above mentioned conditions.