



Specification

Product Name: Chocolate Crackle Crystals Popping Candy

Product Code: SPEC0011

Description:

Our Crackle Crystals are premium quality carbonated sugar, coated with tasteless cocoa butter to stop them popping until eaten. Used by professional chefs to provide a mouth popping sensation. Crackle Crystals can add a new dimension to desserts, cakes and sweets. Ideal for decorating and flavouring cakes, mousses, ice creams, sorbets, jellies, cupcakes, patisserie, desserts and cocktails or they can just be enjoyed as sweets.

Product Description	Milk chocolate coated popping candy
Popping Candy Size in Final Product	0.5mm to 4.5mm
Final Product Size	Max 7mm (> 7mm $\pm$ 10 Acceptable Tolerance)

Composition:	Functional Class	Origin	Country of Origin	% Percentage
POPPING CANDY				45%
Sugar	Ingredient	Sugar Beet	Turkey	58-62%
Glucose Syrup	Ingredient	Maize	Turkey	34-38%
Lactose	Ingredient	Milk	Germany	0.5-4.5%
Carbon Dioxide (E290)	Ingredient	Gas	Turkey	0.004-0.0044%
MILK CHOCOLATE				36%
Sugar	Ingredient	Sugar Beet	Turkey	41.5-45.5%
Cocoa Butter	Ingredient	Cocoa Bean	Turkey	21.8-25.8%
Full Cream Milk Powder	Ingredient	Milk	Turkey	10.4-14.4%
Cocoa Powder	Ingredient	Cocoa Bean	Turkey	9.4-13.4%
Demineralized Whey Powder	Ingredient	Milk	Turkey	6.38-10.38%
Sunflower Lecithin	Emulsifier	Sunflower	Netherlands	0.16-0.56%
Polyglycerol Polyricinoleate (E476)	Emulsifier	Combination of polyglycerol and castor oil (Ricinus sp. Tree oil)	Spain	0.070-0.074%
Nat vanilla flavouring	Flavouring	Vanilla planifolia	Turkey	0.014-0.022%
Coating Materials				19%
Sugar	Ingredient	Sugar beet	Turkey	47.3-51.3%
Cocoa Powder	Ingredient	Cocoa Bean	Turkey	47.3-51.3%

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Gum Arabic +shellac	Glazing Agent	Acacia tree, lac bug secretion	Germany	1.28-1.68%
Physical Properties: Density (Popping Candy) Flavour and texture Magnet and metal detector checks	0.8g / cc approx Typical to the product No foreign substance			
Chemical Properties Moisture Arsenic (As) Cadmium (Cd) Lead (Pb) Mercury (Hg)	Less than 4.0% Max 1.00 ppm Max 0.05 ppm Max 1.00 ppm Max 0.01ppm			
Microbiological Properites:	Max Limits	Methods		
Yeast and Mould	10 ² cfu/g	ISO 21527		
E. Coli	0 cfu/g	ISO 7251		
Salmonella	0/25 g-ml	EN/ISO 6579		
Enterobacteriaceae	0 cfu/g	ISO 21528		
Coliforms	0 cfu/g	ISO 4831		
Total Plate Counts	10 ⁴ cfu/g	ISO4833		

Additional Information:

Popping candy has variation in colours which is typical to product and may contain traces of white foam pieces and burnt sugar resulting from the characteristics of process. Please take into consideration that heavy coatings e.g chocolate, palm oil, shellac, may result in bigger granule sizes compared to the original size of Popping Candy. The range of the final product granual size is mentioned in the specification as Final Product size. It contains milk products (**lactose, milk powder and whey powder**).

We certify that this product is fit for human consumption except under 3 years old children. Popping Candy is used as a final product or directly used as an ingredient in foods with a low moisture content. In bulk form, it is not recommended to use in the media containing moisture more than 5%. The bulk form PC is recommended to use as side or top pack beside high humidity content end product. BR Cream with popping candy can be used as coating or filling material according to above situations.

Ingredients:

Sugar, Chocolate (**MILK**, Sugar, Cocoa Butter, Full Cream **MILK** Powder, Cocoa Powder, Demineralized Whey Powder, Sunflower Lecithin, Natural Vanilla Flavouring), Glucose Syrup, **LACTOSE**, Cocoa Powder, Gum Arabic E414, Carbon Dioxide E290

Dietary Information:

Suitable for Vegetarians, Non-GMO, Gluten Free, Non-irradiated.

Nutritional Information:

Based on typical content/ 100g: Energy: 2011kj / 480kCal, Fat: 18.23g, of which saturates: 11.75g, Carbohydrates: 74.96g of which sugars: 64.64g, Protein: 4.28g, Salt: 0.14g

Storage:

Store in dry, cool conditions and not in direct sunlight.

Packaging:

Size	EAN
100g	5060341110764
500g	5060341110788
5kg	5056191007729
10kg	5056191007736

Shelf Life:

24 months from production date.

Allergen Declaration

Allergen	Contains (Y/N)
Cereals containing Gluten	N
Crustaceans	N
Eggs	N
Fish	N
Peanuts	N
Soybeans	N
Milk	Y
Nuts	N
Celery	N
Mustard	N
Sesame Seeds	N
Sulphur Dioxide and Sulphites (at concentration of more than 10mg/kg or 10mg/L in terms of Sulphur Dioxide)	N
Lupin	N
Molluscs	N

Material Safety Data Sheet

1: Substance/Preparation and Company Identification:

1.1 Product Name: Chocolate Crackle Crystals Popping Candy 2.5 – 4.5mm. Supplier: Special Ingredients Ltd, 4 Foxwood View, Chesterfield, S41 9RN. Tel: 0044 (0)1246 906247. E-mail address: <https://specialingredients.co.uk/pages/contact>, Emergency Telephone Contact: 07701 095864.

1.2 Product Name: Recommended uses of the product and restrictions on use:

This product is human food. It is used as a final product or used in yoghurt, ice cream, chocolate and beverages. It is fit for human consumption except under 3 years old children. It contains milk products (lactose, milk powder and whey powder).

2: Hazard Identification:

Non-hazardous product.

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2.1 Classification of the substance or mixture:

Physical Hazards: Not classified.

Health Hazards: Not classified.

Environmental Hazards: Not classified.

2.2 Label Elements

Not Classified

Pictograms: Non applicable

Hazard Statement: Non applicable

Prevention Statement: Non applicable

Other Hazards: Non applicable

3: Composition And Information on Ingredients:

Composition:	% Percentage
Popping Candy	45%
Sugar	56-62 %
Glucose Syrup	34-38 %
Lactose	0.5-4.5 %
Carbon Dioxide (E290)	0.004-0.0044%
Milk Chocolate	36%
Sugar	41.5-45.5%
Cocoa Butter	21.8-25.8%
Full Cream Milk Powder	10.4-14.4%
Cocoa Powder	9.4-13.4%
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Sunflower Lecithin	0.16-0.56%
Polyglycerol Polyricinoleate (E476)	0.070-0.074%
Nat Vanilla Flavouring	0.014-0.022%
Coating Materials	19%
Sugar	47.3-51.3%
Cocoa Powder	47.3-51.3%
Gum Arabic +Shellac	1.23-1.68%

4: First Aid Measures:**4.1 Description of First Aid Measures**

IF INHALED

If breathed, no special care or attention.

IN CASE OF SKIN CONTACT

No special care or attention.

IN CASE OF EYE CONTACT

Wash with clean water and seek medical advice.

IF SWALLOWED

Product is human food, no special care or attention.

4.2 Most important symptoms and effects, both acute and delayed

Product is human food, no special care or attention.

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

Product is human food, no special care or attention.

5: Firefighting Measures:**5.1 Extinguishing Media**

Product is non-flammable.

5.2 Special hazards arising from the substance or mixture.

No special hazards

5.3 Advise for firefighters

No special advice for firefighters

6: Accidental Release Measures:**6.1 Personal precautions, protective equipment and emergency procedures**

Not necessary

6.2 Environment Precautions

Do not let product enter drains for disposal. See Section 13

6.3 Methods and Materials for containment and cleaning up

Sweep and collect with shovel. Keep in suitable bags.

6.4 Reference to other sections

For disposal see Section 13.

7: Handling and Storage:**7.1 Precautions for safe handling.**

This is not a dangerous product to handle.

7.2 Condition for safe storage, including any incompatibilities.

Store and transport of product in cool and dry place away from heat sources and direct sunlight. Delivery in reefer container is preferable. Recommendable temperature for storing and transportation is between 15 – 22 °C and relative humidity should be at a level of <65 % during storage and transport. When opened during production relative humidity should be at a level between 35 and 40%. Shelf life for unopened packaging stored at above conditions is 1 (one) year. Opened packs should be consumed on the same day to attain shelf life.

Use no hooks, stock on pallets max 2.20m height.

7.3 Specific and uses

No data available.

8: Exposure Controls/Personal Protection:**8.1 Control parameters**

Not necessary.

8.2 Exposure controls

No exposure substances and ingredients.

8.2.1 Appropriate engineering controls

Not necessary

8.2.2 Personal Protective Equipment

Skin protection, handle with gloves for food hygiene.

Body protection: not necessary

Respiratory protection: not necessary

Eye / face protection: not necessary

9: Physical and Chemical Properties:

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9.1 Information on basic physical and chemical properties

Appearance: Milk Chocolate
Colour: Brown coloured
Taste: Sweet
Odour: Typical to the product
Ph: No data available
Density: 0.8 g / cc approx.
Flash point: Not applicable
Freezing point: Not applicable
Boiling point: No data available
Solubility: Soluble in water
Vapour pressure: No data available
Partition coefficient: No data available

9.2 Other safety information

No data available

10: Stability and Reactivity:**10.1 Reactivity**

Stable

10.2 Chemical stability

Stable

10.3 Possibility of hazardous reactions

No possibility of hazardous reactions.

10.4 Conditions to avoid

Not applicable

10.5 Incompatible materials

Not applicable

10.6 Hazardous decomposition products

Product is not hazardous decomposition

11: Toxicology Information:**11.1 Information on toxicological effects**

Product is human food, not toxic.

12: Ecological Information:**12.1 Ecotoxicity**

Product is not classified as environmentally hazardous.

12.2 Persistence and degradability

No data available

12.3 Bioaccumulative potential

No data available

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB Assessment

No data available

12.6 Other adverse effect

No data available

13: Disposal Considerations:**13.1 Waste treatment methods**

Damaged or polluted product must be delivered to authorized companies for the appropriate disposal.

14: Transport Information:

This is not a dangerous product

14.1 UN number

Not applicable

14.2 UN proper shipping name

Not applicable

14.3 UN transport hazard class(es)

Not applicable

14.4 Packaging group

Not applicable

14.5 Environmental hazards

No air, water or soil pollution risk

14.6 Special precautions for use

The product shouldn't be used for children under 3 years old. Also it contains milk product lactose, milk powder, and whey powder (allergen)

15: Regulatory Information:**15.1 Safety, health and environmental regulation / legislation specific for the substance or mixture**

This is not a dangerous product.

16: Other Information:

The information contained in this data sheet is, to the best of our knowledge, true and accurate, but any recommendations or suggestions which may be made are without guarantee, since the conditions of use are beyond our control. We do not accept any liability whatsoever, however arising, which results directly or indirectly from the use of the product.