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PRODUCT SPECIFICATION

PRODUCT DETAILS

Product Name LUCAS POTATO TOPPING MIX
Kerry Code New: 20053040

Product Description An off white blend of dried potato with flecks of spice and a dairy like aroma

INGREDIENT DECLARATION

Dried Potato (80-90%), Potato starch (5-10%), Dextrose (2-5%), Spray Dried Palm Fat (Palm Oil, Glucose Syrup, Milk Proteins) (2-5%), Salt (2-5%), Cream Powder (<2%), Flavourings (<2%), Spice (Turmeric)(<2%).

The ingredient declaration above must be labelled up on the final product to include all declarable data in line with the current Food Labelling Regulations, as amended.

USAGE DETAILS

20% please see recipe J12 or J12A on Lucas Ingredients website

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Spec Version: 001
Spec Status: Commercialised Kerry Approved

Issue date:
Revision Date: 3/26/2021
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ALLERGEN DATA				
Allergen	Requires Labelling? Yes/No	Source	Present on Line? Yes/No	Present on Site? Yes/No
Peanuts and products thereof	No		No	No
Nuts (other than peanuts) and products thereof (1)	No		No	No
Cereals containing gluten (2)	No		Yes	Yes
Crustaceans and products thereof	No		No	No
Egg and products thereof	No		Yes	Yes
Fish and products thereof	No		Yes	Yes
Soybeans and products thereof	No		Yes	Yes
Milk and products thereof (including lactose)	Yes	Cream Powder, Spray Dried Palm Fat (Milk Protein)	Yes	Yes
Celery and products thereof	No		Yes	Yes
Mustard and products thereof	No		Yes	Yes
Sesame Seeds and products thereof	No		No	No
Molluscs and products thereof	No		No	No
Lupin and products thereof	No		No	No
Sulphur Dioxide/Sulphites > 10ppm	No		Yes	Yes

Note: All reasonable precautions that could be expected of a responsible manufacturer have been taken to prevent cross contamination in the raw materials used and in the manufacturing process.

Conforms to Regulation (EU) 1169/2011 annex II as amended.

(1) Nuts, namely: almonds (*Amygdalus communis* L.), hazelnuts (*Corylus avellana*), walnuts (*Juglans regia*), cashews (*Anacardium occidentale*), pecan nuts (*Carya illinoensis* (Wangenh.) K. Koch), Brazil nuts (*Bertholletia excelsa*), pistachio nuts (*Pistacia vera*), macadamia or Queensland nuts (*Macadamia ternifolia*) and products thereof, except for nuts used for making alcohol distillates including ethyl alcohol of agricultural origin;

(2) Cereals containing gluten. namely; wheat (such as spelt and khorasan wheat), rye, barley, oats or their hybridised strains, and products thereof. except; (a) wheat based glucose syrups including dextrose(*); (b) wheat based maltodextrins(*); (c) glucose syrup based on barley; (d) cereals used for making alcoholic distillates including ethyl alcohol of agricultural origin;

(*) And the products thereof, in so far as the process that they have undergone is not likely to increase the level of allergenicity assessed by the Authority for the relevant product from which they originated.

COMPOSITION AND COUNTRY OF ORIGIN INFORMATION*		
Ingredient	% Banding	Country of Origin
Dried Potato	80 - 90	United Kingdom; France; Netherlands; Belgium; Germany; Spain; Russian Federation; Ukraine; Czech Republic
Potato Starch	5 - 10	France; Denmark; Germany; Netherlands
Dextrose	2 - 5	France; Italy; Spain; United Kingdom; Germany; Hungary; Romania; Austria; Slovakia; Bulgaria
Spray Dried Palm Fat	2 - 5	Belgium; Brazil; Germany; France; Indonesia; Ireland; Malaysia; Netherlands; New Zealand
Salt	2 - 5	United Kingdom; China; Germany; Denmark; France; Italy; Netherlands
Cream Powder	<2	Ireland; Germany
Flavouring	<2	
Spice (Turmeric)	<2	India; Indonesia; Vietnam

Kerry EMEA has the policy of purchasing raw materials against a given specification from approved suppliers. We may on occasion need to add a new countries of origin as a result of economic stability, crop and harvest variations, safety alert etc, it may be necessary to change the source of a material with short notice. Kerry will proactively communicate such changes to customers where required, as part of our internal Change Control process.

KEY PERFORMANCE PARAMETERS					
Test	Min	Target	Max	Units	Method
Appearance to match previously accepted delivery.					

NUTRITION INFORMATION

Nutrient	Typical Value	Unit
Energy in kJ	1,516.74	KJ/100G
Energy in Kcal	358.57	KCAL/100G
Total Carbohydrates	78.53	G/100G
Available Carbohydrates	73.33	G/100G
Carbohydrates as Sugars	7.07	G/100G
Carbohydrates as Starch	66.04	G/100G
Total Fat	3.65	G/100G
Saturated Fat	1.63	G/100G
Monounsaturated Fat	1.21	G/100G
Polyunsaturated Fat	0.29	G/100G
Protein	5.49	G/100G
Moisture	8.91	G/100G
Dietary Fibre	5.20	G/100G
Sodium	1,319.28	MG/100G
Ash	3.41	G/100G
Salt (NaCl)	3.29	G/100G
Ethanol (Alcohol)	0.00	G/100G

Data Source

Calculated from raw material data. Values quoted are typical and should be used for guidance purposes only.

SUITABILITY DATA

**Yes = Suitable,
No = Unsuitable**

Comment/Certification Status

Vegetarian (Ova-lacto)	Yes	Product not tested – Suitability data calculated from raw material information
Vegan	No	
Coeliac <100ppm gluten (by calculation)	Yes	
Coeliac <20ppm gluten (by calculation)	No	
	Suitable / Not Suitable	
Kosher	Not Suitable	
Halal	Suitable	
Organic	Not Suitable	

GENETICALLY MODIFIED MATERIALS

Does the product require labelling as genetically modified under current EU Labelling Regulations? No

IONISING RADIATION

Does the product require labelling as Irradiated or contain any irradiated ingredients under current EU Labelling Regulations? No

ADDITIVES

E Number	Name of Additive	Ingredient Additive Present in	Quantity in Ingredient mg/kg	Function in Ingredient
E1450	STARCH SODIUM OCTENYL SUCCINATE	Flavouring	60.00	CARRIER
E1520	PROPAN-1,2-DIOL (PROPYLENE GLYCOL)	Flavouring Flavouring	21.54	CARRIER
E220	SULPHUR DIOXIDE	Dextrose Potato Starch	0.98	CARRIER
E450i		Dried Potato	826.90	PROCESSING AID
E471	MONO- AND DIGLYCERIDES OF FATTY ACIDS	Flavouring Dried Potato	4,134.63	EMULSIFIER
E500	SODIUM CARBONATE	Flavouring	0.04	ANTI - CAKING AGENT
E535	SODIUM FERROCYANIDE	Salt Flavouring	0.47	ANTI - CAKING AGENT
E551	SILICON DIOXIDE	Flavouring Spray Dried Palm Fat	184.00	ANTI - CAKING AGENT

RECOMMENDED SHELF-LIFE & STORAGE

Transport & Storage Conditions: Contract Haulier
 Cool and dry. Keep sealed when not in use.
 Shelf life (original package): 365 days

PACKAGING

Pack Size (Net) 5KG
 No. packs per case/outer 1
 No. units per pallet As supplied
 Pack Type Inner Blue Plastic Sack
 Pack Type Outer Stretchwrap
 Pallet Type As supplied

LEGISLATION & WARRANTY STATEMENT

The product will be manufactured and packaged in accordance with all current, relevant EU legislation. The information stated is provided in good faith. It is based upon the product formulation, the data provided by our raw material suppliers and the factory of manufacture at the date of issue of this specification. It is the responsibility of the user to ensure this information is appropriate and complete with respect to the specific use intended for the product. Local national regulations should be consulted for the intended specific application and declaration as legislation may vary from country to country. The shelf-life as stated has been established to allow for conditions which may be experienced for short periods during the storage and distribution of the product.

FREE FROM LIST		
	Yes = Absent, No = Present	Comments
Animal Products		
Lactose	No	Cream Powder, Spray Dried Palm Fat (Milk Protein)
Beef/ Derivatives	Yes	
Chicken/ Derivatives	Yes	
Lamb/ Mutton/ Derivatives	Yes	
Pork/ Derivatives	Yes	
Other Animal Products/ Derivatives	Yes	
Rennet	Yes	
Cereal / Vegetable / Fruit Products		
Maize/ Derivatives	No	Dextrose, Flavouring
Garlic/ Derivatives	Yes	
Onion/ Derivatives	Yes	
Cinnamon/ Extract	Yes	
Vegetables/ Derivatives	No	Dried Potato, Flavouring
Fruit & Fruit Derivatives	Yes	
Wheat/ Derivatives	No	Spray Dried Palm Fat
Rye/ Derivatives	Yes	
Barley/ Derivatives	Yes	
Oats/ Derivatives	Yes	
Nuts and seeds (including oils or other derivatives)		
Palm/ Derivatives	No	Spray Dried Palm Fat, Flavouring, Dried Potato
Coconuts/ Derivatives	Yes	
Nut oils/ Derivatives excl Peanut	Yes	
Seed oil/other Vegetable oils (excl sesame)	No	Flavouring
Other seeds	Yes	

	Yes = Absent, No = Present	Comments
Other		
Preservatives	Yes	
Artificial Flavourings	Yes	
Flavourings	No	Flavourings
Smoke Flavourings	Yes	
Artificial Colours	Yes	
Natural Colours	Yes	
3 MCPD (if present, give level in ppb)	Yes	
Alcohols	Yes	
BHA/BHT	Yes	
Aspartame	Yes	
Additives (please list all)	No	Please see additives list
Organic Acids	Yes	
Caffeine	Yes	
Cocoa/ Derivatives	Yes	
Nucleotides	Yes	
HVP/TVP	Yes	
MSG and other glutamates	Yes	
Yeast/ Extract	Yes	

Note: The information stated is given in good faith and is based upon the product formulation and data provided by raw material suppliers. Whilst we make every effort to obtain assurances from our suppliers regarding the intolerance data supplied, manufacturers and/or suppliers cannot always provide absolute guarantees relating to the total absence of trace carry-over residues of other materials into their products. Kerry Ingredients & Flavours Limited therefore cannot give absolute guarantees in this regard.

CONFIDENTIALITY

This document and the information contained within it remains the property of Kerry Ingredients & Flavours Limited and must not be disclosed to any third party without prior written permission of the company.

AUTHORISATION

**This specification has been approved by Kerry
 Regulatory & Scientific Affairs**

Authorised on behalf of Customer

Signature/Stamp



Date 26-Mar-2021

Date

Kerry Ingredients & Flavours Limited will assume acceptance of this specification if our customer does not state otherwise in writing within 28 days after the receipt of this specification.

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