



Manchester Rusk Company Ltd
 Flava House
 Beta Court
 Harper Road
 Sharston
 Manchester M22 4XR
 Tel: 0161 945 3579

SECTION 5: HAZARD WARNINGS

Contains: Milk.

This product is made in a factory that also uses Gluten, Soya, Egg, Celery, Mustard, Sulphur Dioxide and although allergen controls are in place the product may still contain traces of these allergens due to processing constraints
 No Nuts, Crustaceans/Molluscs or Fish are used on site

SECTION 6: INGREDIENT DECLARATION

Sugar, Maltodextrin, Starch, Salt, Dried Garlic (6%), Spices (Cumin (2%), Coriander, Cayenne, Ginger, Black Pepper), Vegetable Fat Powder (Vegetable Oil, Lactose, Milk Protein), Dried Tomato, Yeast Extract (Yeast Extract, Salt), Dried Onion, Coriander, Flavours (Natural), Citric Acid, Colour (Paprika Extract), Thickener (Guar Gum).

Ingredients	% Wt Range	Country of Origin
Sugar	<42%	UK, France, Belgium, Germany, Portugal, Mauritius, Dubai
Maltodextrin (Maize)	<14%	France, Slovakia
Starch (Maize, modified waxy maize)	<12%	Germany, Spain, Holland
Salt (Sodium Hexacyanoferrate E535)	<8%	UK, China
Dried Garlic	6%	China
Spices (Cumin(2%), Coriander, Cayenne, Ginger, Black Pepper)	<6%	Cumin – Syria, India, Iran Coriander –Romania, Egypt, India, Morocco Cayenne – China, India Ginger – China, Sierra Leone Black Pepper – Vietnam, Indonesia, India
Vegetable Fat Powder (Palm Oil, Lactose, Milk Protein)	<4%	Philippines, Indonesia, Germany, Holland, France
Dried Tomato (E551)	<4%	Morocco, China
Yeast Extract (Yeast Extract, Salt) (E330, E535 Processing Aids)	<4%	France, Japan, China
Dried Onion	<3%	China, India, Egypt
Coriander	<1%	Holland
Natural Lemon Flavouring and Natural Flavouring (Maize)	<0.5%	Canada, US, Turkey, India, China, Chad, Italy, South America, UK,

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		France, Belgium.
Citric Acid	<0.5%	China
Colour (Paprika Extract)	<0.5%	India, Spain, US, Canada, China
Thickener (Guar Gum)	<0.5%	Pakistan, India
Additive	E Number	Function in product
Guar Gum	E412	Thickener
Citric Acid	E330	Acid
Paprika Extract	E160c	Colour
Comments: MRC are members of Valid IT		

SECTION 7: NUTRITIONAL INFORMATION	
Typical Values per 100g	
Energy (kJ)	1366kJ
Energy (kcal)	343kcal
Protein	3.9g
Carbohydrate	72.6g
of which sugars	42.1g
Fat	4.4g
of which saturates	2.0g
Fibre	2.1g
Salt	8.8g
Sodium	3.4g
Comments: As calculated by Nutricalc	

SECTION 8: SHELF LIFE
AMBIENT: 12 Months
CHILLED: N/A
FROZEN: N/A

SECTION 9: FREE FROM DATA				
CONTAINS:		PRESENT (Y/N)	COMMENTS	
Additives		Yes	E330, E412, E160c.	
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Artificial Flavourings	No	(Processing Aids E535, E330, E551).	
Natural Flavourings	Yes		
Preservatives	No		
Artificial Preservatives	No		
Natural Colours	Yes		Paprika Extract E160c
Artificial Colours	No		
MSG	No		
BHT/BHA	No		
Sweeteners	No		
Hydrolysed Vegetable Protein	No		Starch, Maltodextrin, Citric Acid, Natural Flavouring
Wheat & Wheat Derivatives	No		
Rye/Oats/Barley	No		
Maize & Maize Derivatives	Yes		
Soya & Soya Derivatives	No		
Genetically Modified Ingredients	No		
Nuts & Peanuts	No		
Nut & Peanut Derivatives excl. Oil	No		
Nut & Peanut Oil	No		
Sesame Seeds	No		
Seed Derivatives excl. Oil	No	Yeast Extract	
Seed Oil	No		
Pine Nuts / Kernels	No		
Yeast	Yes		
Mustard / Mustard Seeds / Mustard Derivatives	No		
Celery / Celeriac	No		
Kiwi Fruit	No		
Milk and Milk Derivatives	Yes		Vegetable Fat Powder,
Molluscs	No		
Lupin	No		
Sulphur Dioxide/Sulphites (ppm)	Yes	Starch and Sugar <10ppm Vegetable Fat Powder	
Animal Products: Dairy	Yes		
Animal Products: Eggs	No		
Animal Products: Shellfish	No		
Animal Products: Fish (Other)	No		
Animal Products: Beef & Derivatives	No		
Animal Products: Pork	No		
Animal Products: Lamb	No		
Animal products: Poultry	No		

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Animal products: Other	No	
SUITABLE FOR:		
Vegetarians	Yes	Vegetable Fat Powder
Vegans	No	
Coeliacs	Yes	Vegetable Fat Powder
Lactose Intolerant	No	

SECTION 10: MICROBIOLOGICAL STANDARDS	
TEST	MAXIMUM
<i>ESHERICHIA COLI</i>	< 100cfu/g
<i>SALMONELLA</i>	Absent in 25g
<i>STAPH AUREUS</i>	< 100 cfu/g
<i>B CEREUS</i>	< 10000 cfu/g
<i>CL PERFRINGENS</i>	< 100cfu/g

SECTION 11: DIRECTIONS FOR USE
Use at 8 -10% on chosen meat

SECTION 12: STORAGE INSTRUCTIONS
Ambient storage in a cool, dry place in the packaging specified

SECTION 13: ANALYTICAL DATA	
Taste Test	As Specification Parameters
Appearance & Odour	As Specification Parameters
Sieve Test	Sieve intact

SECTION 14: QUALITY PARAMETERS		
PARAMETER	MIN	MAX
Batch ingredient weights	As per batching record	NA
Sensory Analysis	Per batch	NA

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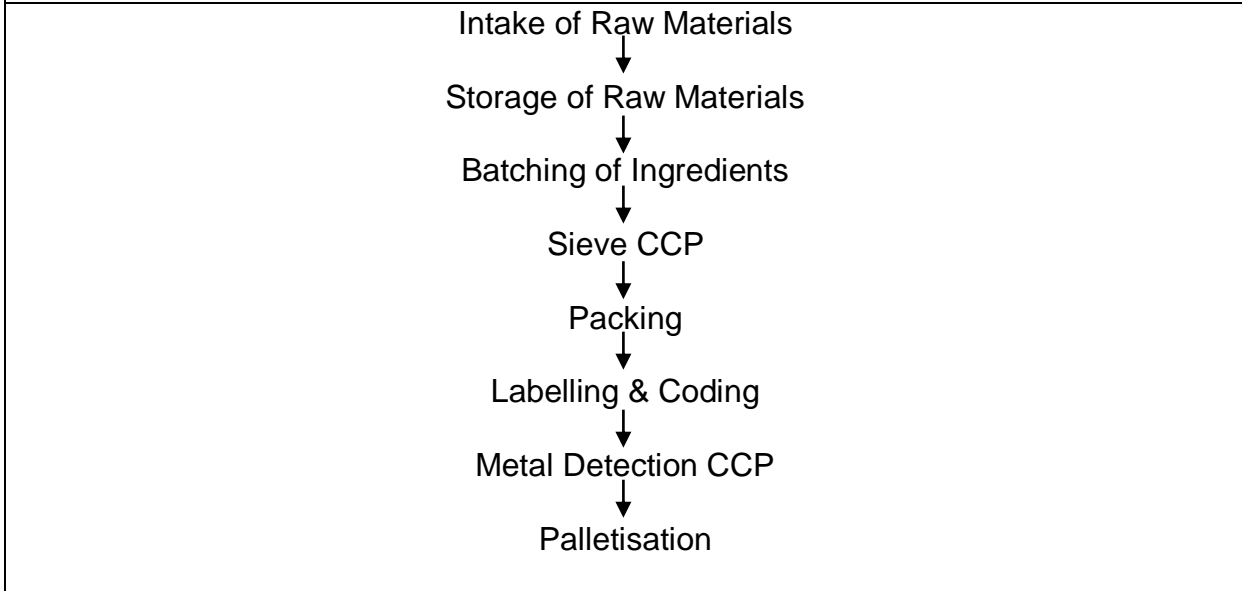
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SECTION 15: PROCESS FLOW



SECTION 16: QUALITY CHECKS

CHECK	FREQUENCY	PARAMETERS
Weights	Per Tub/Pail	Fill weights to specification
Coding	Start of run & every 30 minutes	Clear, legible, correct Intact & clean
Seal	Start of run & every 30 minutes	<u>2.5 kg</u>
Metal Detection	Start and end of run plus every hour	1.5mm Fe, 2mm Non Fe, 2.5mm SS <u>10kg</u> 4mm Fe, 5mm Non Fe, 6mm SS

SECTION 17: PACKAGING STANDARDS

Inner Packaging Description: 2.5kg - Blue sealed polythene laminate. 2.5kg or 10kg - Blue Food Grade Plastic Bag.

Inner Barcode: NA

Outer Packaging Description: 2.5kg High density polyethylene tub with low density lid and packed in Corrugated Cardboard Case. 10kg – Plastic Pails.

Outer Barcode: NA

Coding Details:

(day) (month) (year) (batch)

(Day) is denoted by the first 2 numbers

(Month) is denoted by the second 2 numbers

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(Year) is denoted by the last number of year (Batch) is denoted by the number of the actual batch on the production day
Pallet Details: Wooden Pallet
Cases Per Layer: 2.5kg = 8 x 2.5kg x 9 Boxes per layer / 10kg = 11 per Layer
Layers Per Pallet: 2.5kg/10kg = 3
Cases Per Pallet: 2.5kg = 27/10kg = 33

SECTION 18: HEALTH AND SAFETY DATA	
PRODUCT DIGESTED	This product is designed for human consumption, and is safe when used at recommended levels. In the case of excessive ingestion, give patient water to drink and rest. If discomfort persists, seek medical advice
SKIN CONTACT	Normal standard of hygiene and regular washing with water should prevent irritation; avoid prolonged contact with lips and tender parts of the body. Medical attention should be obtained in cases of sensitisation
EYE CONTACT	Avoid contact with eyes. Irrigate immediately with water and seek medical advice if discomfort persists
PRODUCT INHALED	Dust masks should be worn if the product is found to be irritating. In the case of inhalation remove casualty from exposure, rest and keep warm. In severe cases seek medical attention.
SPILLAGE	Sweep up and dispose of with non-hazardous wastes. Small spillages may be washed to drain with cold water. Consult local authorities when disposing of large quantities.
FIRE	Avoid production of dust. Fires should be controlled by water spray, rather than by main jets, to avoid generating explosive dust clouds.
STORAGE PRECAUTIONS	Original sealed containers should be stored in a cool dry place
HANDLING PRECAUTIONS	All MRC products should be used in a well-ventilated area. Operators should observe normal good house keeping precautions. Goggles, gloves and dust masks may be required when exposed to prolonged handling

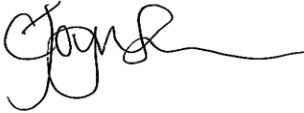
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SECTION 19: APPROVAL	
FOR MRC  Signed Position QA Supervisor Date 25.02.13	FOR CUSTOMER Signed Position Date

The contents of this specification are the sole property of Manchester Rusk Company Ltd, prior written confirmation must be obtained from Manchester Rusk Company Ltd before any information contained within the specification is supplied to a 3rd party.

If a signed copy of the specification is not returned within 6 weeks of the date of the specification, Manchester Rusk Company Ltd will assume implicit acceptance of the specification and its contents.

SECTION 20: LIST OF AMENDMENTS			
DATE	ISSUE NUMBER	REASON FOR ISSUE	APPROVED BY
25.02.13	3	Updated to format version 10	C.Joynson

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