



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

| SECTION 1: CONTACT DETAILS | |
|--|---|
| ADDRESS Manchester Rusk Company Ltd Flava House Beta Court Harper Road Sharston Manchester M22 4XR | TECHNICAL CONTACT NAME: Julie Fallows TITLE: Technical Manager |
| TELEPHONE 0161 945 3579 | SALES CONTACT NAME: Stewart Niven |
| FAX 0161 946 0299 | TITLE: Account Manager |

| SECTION 2: PRODUCT TITLE | |
|---|---------------------------|
| Product Name: Smoky BBQ Glaze | |
| Product code: 14853 | |
| Issue Date: 15 th November 2011 | Version Number: 03 |
| Reason For Issue: Changed smoke flavouring in the Ingredient Declaration | |
| Weight: 2.5kg or 10kg | |
| Physical Properties | |
| Appearance: Golden brown free flowing powder. | |
| Aroma: Sweet, spicy smoke. | |
| Flavour: Sweet, tangy smoke with spicy notes. | |

| SECTION 3: PRODUCT LEGAL DESCRIPTOR |
|--|
| Smoky BBQ Glaze |

| SECTION 4: LEGAL REQUIREMENTS | |
|--------------------------------------|------------------------------------|
| HEALTH MARK: Not Required | |
| QUID REQUIREMENTS: No | |
| COUNTRY OF ORIGIN: UK | |
| PACK WEIGHT: 2.5kg/10kg | AVERAGE WEIGHT: 2.5kg/ 10kg |

| Document ID | Version No: | Issue Date | Approved By | Page Number |
|-------------|-------------|------------|-------------|-------------|
| QMS 2.32 | 07 | 13/10/10 | J. Fallows | Page 1 of 8 |



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

SECTION 5: HAZARD WARNINGS

Contains: Wheat, Barley, Gluten, Soya

This product is made in a factory that also uses Milk, Egg, Celery, Mustard, Sulphur Dioxide 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, Salt, Starch, Acid (Sodium Diacetate), Dried Tomato, Spices (Cayenne, Paprika, Black Pepper), Smoke Flavourings, Natural Flavourings (Wheat, Barley, Soya), Malt Extract (Barley), Yeast Extract (Yeast Extract, Salt), Dried Garlic, Thickener (Guar Gum), Citric Acid, Colours (Paprika Extract, Carmine).

| Ingredients | % Wt Range | Country of Origin |
|---|-------------------|--|
| Sugar | <46% | France |
| Maltodextrin | <14% | France |
| Salt | <8% | UK |
| Starch | <8% | Germany, Spain, Holland |
| Acid (Sodium Diacetate) | <7% | Canada |
| Dried Tomato | <4% | Morocco |
| Spices (Cayenne, Paprika, Black Pepper) | <3% | Cayenne – India Paprika – Hungary Black Pepper - Vietnam |
| Smoke Flavourings | <3% | US, Netherlands |
| Natural Flavourings (Wheat, Barley, Soya) | <2% | UK, France, Belgium, Netherlands, Spain, Argentina, Germany. |
| Malt Extract (Barley) | <2% | UK |
| Yeast Extract (Yeast Extract, Salt) | <2% | Germany |
| Dried Garlic | <1.5% | China |
| Thickener (Guar Gum) | <1.5% | India |
| Citric Acid | <1% | Ireland |
| Colours (Paprika Extract, Carmine) | <0.5% | Paprika – India Carmine – South America |
| Additive | E Number | Function in product |
| Sodium Diacetate | E262 | Acid |
| Paprika Extract | E160c | Colour |
| Carmine | E120 | Colour |
| Guar Gum | E412 | Thickener |
| Citric Acid | E330 | Acid |

Comments:

MRC are members of Valid IT

| Document ID | Version No: | Issue Date | Approved By | Page Number |
|-------------|-------------|------------|-------------|-------------|
| QMS 2.32 | 07 | 13/10/10 | J. Fallows | Page 2 of 8 |

F:\apps\admin\toplevel\general documents\tech\newqms09\level 4 working documents

Controlled document if printed on blue paper



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

| SECTION 7: NUTRITIONAL INFORMATION | |
|--|---------|
| Typical Values per 100g | |
| Energy (kJ) | 1300kJ |
| Energy (kcal) | 314kcal |
| Protein | 2.0g |
| Carbohydrate | 74.0g |
| of which sugars | 46.3g |
| Fat | 0.5g |
| of which saturates | 0.1g |
| Fibre | 2.1g |
| Salt | 10.4g |
| Sodium | 4.0g |
| Comments: As calculated by Nutricalc | |

| SECTION 8: SHELF LIFE |
|--------------------------------|
| AMBIENT: 12 Months |
| CHILLED: Not applicable |
| FROZEN: Not applicable |

| SECTION 9: FREE FROM DATA | | |
|----------------------------------|----------------------|--|
| CONTAINS: | PRESENT (Y/N) | COMMENTS |
| Additives | Yes | Paprika Extract E160c, Carmine E120, Guar Gum E412, Sodium Diacetate E262, Citric Acid E330. |
| Artificial Flavourings | No | |
| Natural Flavourings | Yes | Smoke Flavouring |
| Preservatives | No | |
| Artificial Preservatives | No | |
| Natural Colours | Yes | Paprika Extract E160c, Carmine E120 |
| Artificial Colours | No | |

| Document ID | Version No: | Issue Date | Approved By | Page Number |
|-------------|-------------|------------|-------------|-------------|
| QMS 2.32 | 07 | 13/10/10 | J. Fallows | Page 3 of 8 |

F:\apps\admin\toplevel\general documents\tech\newqms09\level 4 working documents

Controlled document if printed on blue paper



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

| | | |
|---|-----|---------------------------------------|
| MSG | No | |
| BHT/BHA | No | |
| Sweeteners | No | |
| Hydrolysed Vegetable Protein | No | |
| Wheat & Wheat Derivatives | Yes | Worcester Sauce Flavour |
| Rye/Oats/Barley/Spelt/Kamut | Yes | Malt Extract, Worcester Sauce Flavour |
| Maize & Maize Derivatives | Yes | Starch, Maltodextrin |
| Soya & Soya Derivatives | Yes | Natural Flavouring |
| 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 | |
| Seed Oil | No | |
| Pine Nuts / Kernels | No | |
| Yeast | Yes | Yeast Extract |
| Mustard / Mustard Seeds / Mustard Derivatives | No | |
| Celery / Celeriac | No | |
| Kiwi Fruit | No | |
| Milk and Milk Derivatives | No | |
| Molluscs | No | |
| Lupin | No | |
| Animal Products: Dairy | No | |
| 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 | |
| Animal products: Other | Yes | Carmine |
| SUITABLE FOR: | | |
| Vegetarians | No | Carmine |
| Vegans | No | Carmine |
| Coeliacs | No | Gluten |
| Lactose Intolerant | Yes | |

| Document ID | Version No: | Issue Date | Approved By | Page Number |
|-------------|-------------|------------|-------------|-------------|
| QMS 2.32 | 07 | 13/10/10 | J. Fallows | Page 4 of 8 |

F:\apps\admin\toplevel\general documents\tech\newqms09\level 4 working documents

Controlled document if printed on blue paper



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

SECTION 10: MICROBIOLOGICAL STANDARDS

| TEST | MAXIMUM |
|--------------------|-----------------|
| TVC | < 100,000 cfu/g |
| YEAST & MOULDS | < 1000 cfu/g |
| ENTEROBACTERIACEAE | < 100 cfu/g |
| ESHERICHIA COLI | < 10 cfu/g |
| SALMONELLA | Absent in 25g |
| STAPH AUREUS | < 20 cfu/g |
| BACILLIUS CEREUS | < 100 cfu/g |

SECTION 11: DIRECTIONS FOR USE

Use at 8-10% to Meat.

SECTION 12: STORAGE INSTRUCTIONS

Ambient storage in a cool, dry place in the packaging specified

SECTION 13: ANALYTICAL DATA

| | |
|--------------------|--|
| Nitrate content: | <1PPM |
| Taste Test | As Specification Parameters |
| Appearance & Odour | Golden brown free flowing powder, sweet smoky, spicy |
| Sieve Test | Sieve intact 2mm |

SECTION 14: QUALITY PARAMETERS

| PARAMETER | MIN | MAX |
|--------------------------|------------------------|-----|
| Batch ingredient weights | As per batching record | NA |

| Document ID | Version No: | Issue Date | Approved By | Page Number |
|-------------|-------------|------------|-------------|-------------|
| QMS 2.32 | 07 | 13/10/10 | J. Fallows | Page 5 of 8 |

F:\apps\admin\toplevel\general documents\tech\newqms09\level 4 working documents

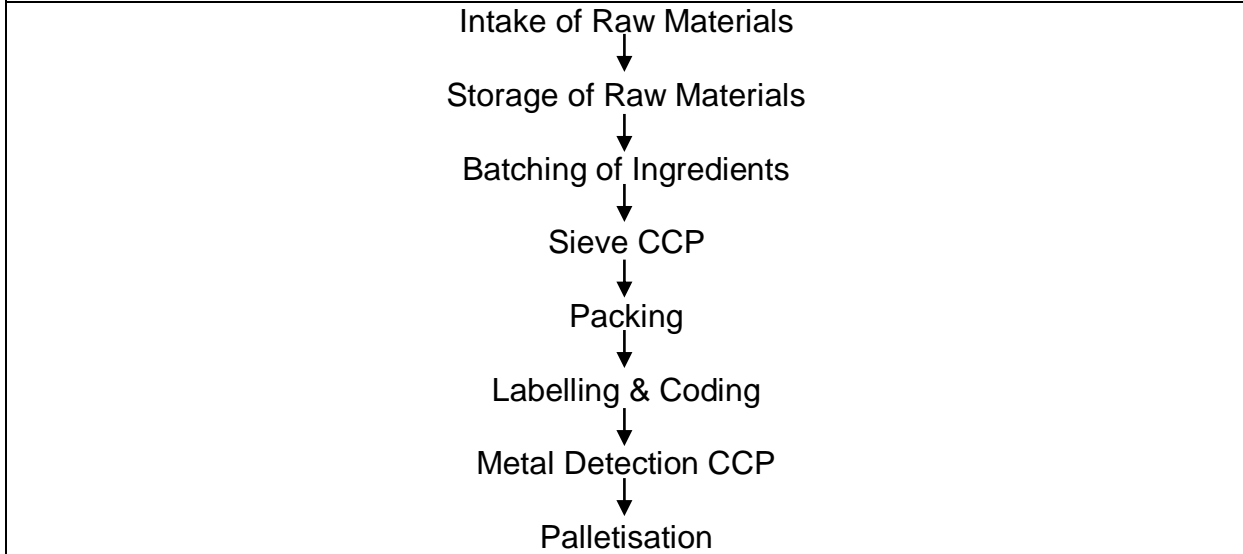
Controlled document if printed on blue paper



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

| | | |
|------------------|-----------|----|
| Sensory Analysis | Per batch | NA |
|------------------|-----------|----|

SECTION 15: PROCESS FLOW



SECTION 16: QUALITY CHECKS

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

SECTION 16: PACKAGING STANDARDS

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

Inner Barcode: Not applicable

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

Outer Barcode: Not applicable

Coding Details:

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

(Day) is denoted by the first 2 numbers

(Month) is denoted by the second 2 numbers

| | | | | |
|-------------|-------------|------------|-------------|-------------|
| Document ID | Version No: | Issue Date | Approved By | Page Number |
| QMS 2.32 | 07 | 13/10/10 | J. Fallows | Page 6 of 8 |



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

| |
|--|
| (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 17: 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 |

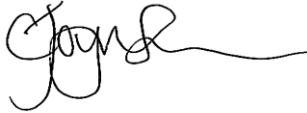
| Document ID | Version No: | Issue Date | Approved By | Page Number |
|-------------|-------------|------------|-------------|-------------|
| QMS 2.32 | 07 | 13/10/10 | J. Fallows | Page 7 of 8 |

F:\apps\admin\toplevel\general documents\tech\newqms09\level 4 working documents

Controlled document if printed on blue paper



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

| SECTION 19: APPROVAL | |
|--|--|
| FOR MRC | FOR CUSTOMER |
| <p>Signed:</p>  <p>Position: QA Supervisor</p> <p>Date: 15/11/11</p> | <p>Signed</p> <p>Position</p> <p>Date</p> |

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 No | REASON FOR ISSUE | APPROVED BY |
| 16/03/10 | 1 | New Product | C. Joynton |
| 13/10/10 | 2 | Changed smoke flavouring in the Ingredient Declaration | C. Joynton |
| 15.11.11 | 3 | Added Sulphur Dioxide to Section 5 – Hazard Warnings | C. Joynton |

| Document ID | Version No: | Issue Date | Approved By | Page Number |
|--------------------|--------------------|-------------------|--------------------|--------------------|
| QMS 2.32 | 07 | 13/10/10 | J. Fallows | Page 8 of 8 |

F:\apps\admin\toplevel\general documents\tech\newqms09\level 4 working documents

Controlled document if printed on blue paper