

PRODUCT SPECIFICATION

FREEWORLD TRADING LIMITED



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| | |
|----------------------|---------------------|
| PRODUCT DESCRIPTION: | Brazil Nuts Chipped |
| PRODUCT CODE: | 0438 |
| DATE ISSUED: | 17.01.2024 |
| DATE REVIEWED: | |
| REVISION NUMBER: | 7 |

| | |
|-------------------|--|
| SUPPLIER NAME: | Freeworld Trading Limited |
| SUPPLIER ADDRESS: | 21 Annandale Street Edinburgh EH7 4AW |
| TELEPHONE NUMBER: | 0131 557 5600 |
| EMAIL ADDRESS: | quality_control@freeworld-trading.co.uk sales@freeworld-trading.co.uk logistics@freeworld-trading.co.uk |

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| CONTACT TECHNICAL: | Karen Greenhorn |
| POSITION HELD: | Quality Control |
| EMAIL ADDRESS | karen@freeworld-trading.co.uk |

| | |
|-----------------|--|
| Commodity Buyer | Ailsa Perez |
| Email Address | ailsa@freeworld-trading.co.uk |

| 1.00 PRODUCT INFORMATION | |
|----------------------------|---|
| Product Description | Chipped brazil nuts packed in 44lb cartons. Chipped or edge off Maximum 1/10 of original whole kernel size. Off colour kernel allowed. Fat diffusion allowed. |
| Grade/Variety | |
| Pack weight/format | 44lb |
| Packaging materials | PE Liner, Cardboard carton |
| Shelf-life from production | 24 months |

| 2.00 INGREDIENT BREAKDOWN | | | | | |
|---------------------------|------------------------|--------------------|---------------|-------------------|------------------------|
| Ingredient | % at Recipe bowl stage | % in Final Product | Variety/Grade | Country of Origin | Country Of Manufacture |
| Brazil Nuts | | 100 | | Bolivia | Bolivia |
| | | | | | |
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| 3.00 PRESERVATIVES AND PROCESSING AIDS | | |
|--|------|---------------|
| E. Number | Name | Maximum Limit |
| | N/A | |
| If processing aid state which process it aids and how. | | |

| 4.00 SEASONAL VARIATION |
|--|
| There is no seasonal variation. However this product is wild harvested therefore the characteristics and the taste profile of the product might vary throughout the year |

| 5.00 GENETIC MODIFICATION | | | |
|---|-----|----|-------------------------|
| GENETICALLY MODIFIED ORGANISMS | YES | NO | IF YES WHICH INGREDIENT |
| 1. Does the product or any of its ingredients contain any genetically modified material – whether viable or not? | | ✓ | |
| 2. Is the product or any of its ingredients produced from, but not containing, any genetically modified material – whether viable? | | ✓ | |
| 3. Has the product or any of its ingredients been significantly changed as a consequence of the use of genetic modification? | | ✓ | |
| 4. Have genetically modified organisms been used as processing aids or additives to produce processing aids or additives used in conjunction with the production of the food or any of its ingredients? | | ✓ | |

| 6.00 IRRADIATION | |
|---|----|
| Has the product or any of its components been irradiated? | No |

| 7.00 ORGANOLEPTIC PROPERTIES | |
|---|---|
| Provide a full description of the organoleptic properties of the PRODUCT. | |
| Appearance: | Typically light brown colour, partially covered by brown skin with creamy coloured nut inside. Physical defects such as scratches and breakages on the surface area of the nut will be visible. |
| Flavour and Aroma: | Odour and flavour typical to the brazil nut with no off taints and odours |
| Texture: | Crisp and firm, not pliable or leathery |

Organoleptic properties are obviously dependent on the crop and harvesting conditions of the current year.

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| 8.00 NUTRITIONAL INFORMATION | | |
|------------------------------|----------------------|---|
| Parameter | Value (per 100grams) | Source |
| Energy Kj / kcal | 2858.2/693.14 | USDA (modified by Regulation (EU) No 1169/2011) |
| Fats | 67.10 | |
| Of which: | - | |
| -saturated | 16.134 | |
| -monounsaturated | 23.879 | |
| -polyunsaturated | 24.399 | |
| Carbohydrates (total) | 11.74 | |
| Of which: | - | |
| -sugars | 2.33 | |
| -fibre | 7.5 | |
| Protein | 14.32 | |
| Sodium (mg) | 3 | |
| Salt (g) | 0.0075 | |

| 9.00 PRODUCT SUITABILITY | | |
|--------------------------|--------|---|
| Dietary Requirement | Yes/No | Comments |
| Coeliac | Yes | There is no gluten within the product recipe; there is no gluten on the production line. However we cannot guarantee that the raw materials entering the factory are gluten free. We have taken every reasonable precaution and proceeded with due diligence, however we cannot guarantee cross contamination on vehicles/containers etc. |
| Vegetarians | Yes | There are no animal products within the product recipe; there are no animal products on the production line. We have taken every reasonable precaution and proceeded with due diligence, however we cannot guarantee cross contamination on vehicles/containers etc. |
| Vegans | Yes | There are no animal products within the product recipe; there are no animal products on the production line. We have taken every reasonable precaution and proceeded with due diligence, however we cannot guarantee cross contamination on vehicles/containers etc. |
| Lactose Intolerant | Yes | There are no dairy products within the product recipe; there are no dairy products on the production line. We have taken every reasonable precaution and proceeded with due diligence, however we cannot guarantee cross contamination on vehicles/containers etc. |
| Kosher | Yes | Certified No |
| Halal | Yes | Certified No |

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| 10.00 ALLERGENS | | | | |
|--|----------------------|---------------------------|-----------------------------------|----------|
| Product | In the product (Y/N) | Within the facility (Y/N) | On the same production line (Y/N) | Comments |
| Peanuts / peanut derivatives | no | no | no | |
| Nut / nut derivatives | Brazil Nuts | Brazil Nuts | Brazil Nuts | |
| Sesame seeds / sesame seed derivatives | no | no | no | |
| Mustard / mustard products | no | no | no | |
| Milk / milk derivatives | no | no | no | |
| Egg / egg derivatives / albumen | no | no | no | |
| Gluten | no | no | no | |
| Soya / soya derivatives | no | no | no | |
| Lupin / lupin derivatives | no | no | no | |
| Fish / fish derivatives | no | no | no | |
| Crustaceans | no | no | no | |
| Molluscs | no | no | no | |
| Sulphur Dioxide and sulphites | no | no | no | |
| Celery | no | no | no | |

Nut and nut derivatives includes: almond, hazelnut, walnut, cashew, pecan nut, Brazil nut, pistachio nuts and macadamia nut.

Gluten includes: wheat, rye, barley, oats, spelt, kamut, or their hybrid strains.

Our 3rd party warehouses store allergens, however, they take all necessary precautions and store all allergens in segregated areas. We have taken every reasonable precaution and proceeded with due diligence, however, we cannot control the risk of cross contamination in distribution, since we have limited control over the third party service involved. Therefore, we cannot guarantee absence of any particular allergen. Should you wish to make any allergen statements against your products please contact Freeworld Trading before hand.

| 11.00 CHEMICAL ANALYSIS | |
|-------------------------|--------------------------|
| Parameter | Specification Limits |
| Moisture | 4.5% max |
| Aflatoxin | Total <10ppb, B1< 5ppb |
| Pesticides | As per EU/UK legislation |
| Heavy Metals | As per EU/UK legislation |
| PV | Max 15 meq O2/kg |
| FFA | Max 1% |

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| 12.00 MICROBIOLOGY | |
|--------------------|----------------|
| Microbes | Typical Levels |
| Total Viable Count | <50,000 cfu/g |
| Coliforms | <100 cfu/g |
| Escherichia Coli | <10 cfu/g |
| Yeasts | <100 cfu/g |
| Moulds | <100 cfu/g |
| Salmonella | Absent in 25g |

| 13.00 PHYSICAL ANALYSIS | |
|---|--|
| Physical attributes | Specification |
| <u>Serious Damages</u> Insect and mould damaged Decay Shrivelling Scorched centre Adhering shells Rancid | < 5 % by weight |
| <u>Minor Damages:</u> Dirty Discolouration | < 10 % by weight |
| <u>Brokens %</u> Brokens: kernel with more than ¼ of the kernel missing. | 0.5% |
| Shell pieces and foreign matters (pod, pod fibres, stems, etc) | < 25 pieces/1000lbs (1.1 piece per carton) |
| Fat Diffusion (translucent or watery around the complete circumference of a nut when cut in halves) | Allowed in broken and chipped grades, it is unavoidable once the surface kernel is cut |
| Foreign Bodies (hair, glass, hard plastic, live insects, etc) | Absent |

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Serious Damages:

- Insect Damaged: Visible damage or contamination caused by insects, mites, rodents or other animal pests, including the presence of dead insects and/or mites and their debris or excreta.
- Mould Damaged: Mould filaments visible to the naked eye, either inside or outside of the kernel.
- Decay: Significant decomposition caused by the action of microorganisms or other biological processes.
- Shrivelling: rough texture or abnormally wrinkled in more than 25 % of the kernel.
- Scorched centre: dark brown centre in the middle of the nut.
- Adhering shell attached to the kernel.
- Rancid: Pungent smell and flavour caused by oxidation of FFA

Minor Damages:

- Dirty: dust and fat adhered to the surface
- Discolouration: Significant and widespread change of the typical colour when it penetrates the nut more than 1.5mm

Declaration: Although due care and attention has been taken during the processing of this natural product. The product may contain traces of pits/stalks/shell.

14.00 COUNT/SIZE

| Size | | Per 100g Upper | Per 100g Lower |
|--------------------------|-----|-------------------|-------------------|
| Unsize for chipped grade | n/a | | n/a |
| | | | |
| | | | |

15.00 RECOMMENDED STORAGE CRITERIA

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|---|--------------------------------|
| Storage Conditions: | Ideal cold store between 6-10C |
| In order to preserve maximum freshness and prevent infestation FWT recommend storing our products in cool store at <10C | |

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16.00 OBLIGATIONS UPON THE PART OF THE SUPPLIER & TRADING TERMS OF FREEWORLD TRADING.

Suppliers:

The supplier must comply with all relevant United Kingdom and European Community Legislation and all relevant legal and food safety criteria. The supplier must agree to comply with Freeworld Trading Standard Conditions of Supply.

The supplier is responsible for informing Freeworld Trading in writing and a minimum of one calendar month in advance of any proposed change of formulation, manufacturing process or packaging materials and changes in the origin places of process of any materials used to produce the product to be supplied to Freeworld Trading. No change is to be made without the prior knowledge and prior written agreement of Freeworld Trading.

Customers:

1. No claims entertained after 7 days from delivery.
2. Any overdue amounts are liable to interest charged at 3% over base rate per month.
3. Title and goods remain with Freeworld Trading Ltd. until the purchase price is paid in full.
4. The risk in the goods shall pass to the buyer at the time of delivery where carriage is made by independent carrier, then at the time of collection by this carrier, or where the goods are sold ex-warehouse at the time the buyer is notified that the goods are released for collection.
5. If the goods or any part of thereof supplied under the contract are processed or altered in any way by the buyer or any other agent, the quality of the goods shall be deemed acceptable by the buyer. In addition all customers quality control checks are to be completed on the entire load prior to use in application.

FOR AND ON BEHALF OF FREEWORLD TRADING

| | |
|---------------------|---------------------------|
| NAME: (Technical) | Karen Greenhorn |
| POSITION HELD: | QC |
| TECHNICAL SIGNATURE | <i>Karen Greenhorn</i> |
| DATE: | 17.01.2024 |
| Name: (Buyer) | Ailsa Perez |
| Signature: | <i>Ailsa Perez Ulecia</i> |

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