

# PRODUCT SPECIFICATION

FREEWORLD TRADING LIMITED



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PRODUCT DESCRIPTION:	Pecan Nuts, Pieces, South African &
PRODUCT CODE:	0601
DATE ISSUED:	05.06.2023
DATE REVIEWED:	31.08.2023
REVISION NUMBER:	2

SUPPLIER NAME:	Freeworld Trading Limited
SUPPLIER ADDRESS:	21 Annandale Street Edinburgh EH7 4AW
TELEPHONE NUMBER:	0131 557 5600
EMAIL ADDRESS:	<a href="mailto:quality_control@freeworld-trading.co.uk">quality_control@freeworld-trading.co.uk</a> <a href="mailto:sales@freeworld-trading.co.uk">sales@freeworld-trading.co.uk</a> <a href="mailto:logistics@freeworld-trading.co.uk">logistics@freeworld-trading.co.uk</a>

CONTACT TECHNICAL:	Karen Greenhorn
POSITION HELD:	Quality Control
EMAIL ADDRESS	<a href="mailto:karen@freeworld-trading.co.uk">karen@freeworld-trading.co.uk</a>

Commodity Buyer	Ishan Das
Email Address	<a href="mailto:ishan@freeworld-trading.co.uk">ishan@freeworld-trading.co.uk</a>

1.00 PRODUCT INFORMATION	
Product Description	Shelled Pecan Nuts Pieces
Grade/Variety	Fancy/Choice/Amber
Pack weight/format	20lb cartons
Packaging materials	Packed in vacuum sealed, nitrogen flushed foil bags and cased in a corrugated carton box, sealed with coloured tape.
Shelf-life from production	Stored at 0°C - 8°C = 12 months Stored at 9°C - 15°C = 6 months

2.00 INGREDIENT BREAKDOWN					
Ingredient	% at Recipe bowl stage	% in Final Product	Variety/Grade	Country of Origin	Country Of Manufacture
Pecan Nut Halves		100		South Africa	South Africa

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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
None

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:	Light to Dark Amber Halves
Flavour and Aroma:	Typical pecan flavour, non –rancid or bitter
Texture:	Typical of pecans, firm not rubbery

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	2969.79/721.08	USDA (modified by Regulation (EU) No 1169/2011)
Fats	72	
Of which:	-	
-saturated	6	
-monounsaturated	48.8	
-polyunsaturated	21.6	
Carbohydrates (total)	14	
Of which:	-	
-sugars	4	
-fibre	10	
Protein	9	
Sodium (mg)	0	
Salt (g)	0.015	

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 Yes
Halal	Yes	Certified Yes

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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	N	N	N	
Nut / nut derivatives	Pecan Nuts	Pecan nuts	Pecan nuts	
Sesame seeds / sesame seed derivatives	N	N	N	
Mustard / mustard products	N	N	N	
Milk / milk derivatives	N	N	N	
Egg / egg derivatives / albumen	N	N	N	
Gluten	N	N	N	
Soya / soya derivatives	N	N	N	
Lupin / lupin derivatives	N	N	N	
Fish / fish derivatives	N	N	N	
Crustaceans	N	N	N	
Molluscs	N	N	N	
Sulphur Dioxide and sulphites	N	N	N	
Celery	N	N	N	

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 3<sup>rd</sup> 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	2-3%
Water Activity	0.50 - 0.70 aw
Ochratoxin A	<8ppb
Aflatoxin	Total <4ppb, B1 <2ppb
Pesticides	As per EU/UK legislation
Heavy Metals	As per EU/UK legislation
PV	<0.4% max
FFA	<5.0 meq/kg max



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12.00 MICROBIOLOGY	
Microbes	Typical Levels
Total Viable Count	<10,000 cfu/g
Coliforms	<100 cfu/g
Escherichia Coli	<10 cfu/g
Yeasts	<500 cfu/g
Moulds	<500 cfu/g
Salmonella	Absent in 25gms

13.00 PHYSICAL ANALYSIS			
Defects allowed	Tolerance allowed		
	Fancy	Choice	Amber
Defects	5.0%	8%	15%
Serious damage (part of "defects")	0.5%	1%	1%
Off colour kernel portions (Dark Amber to Darker, not otherwise defective)	5.0%	15.0%	25%
Foreign material	0	0	
Shell, spiff & Center Wall	0.01%	0.01%	0.01%
Pecan Weevil Larvae	2 per 20lb box	4 per 20lb box	No limits
Fancy halves will be fairly-uniform in colour. All other grades (choice halves, fancy pieces, and choice pieces) do not require kernels to be uniform in colour			
For fancy any unused portion of the 5.0% tolerance for damage may be used to increase the tolerance for damage by skin colour.			
Tolerance for halves on pieces, granules and meal			
Pieces greater than ½ kernel	15.0%	20%	20%
Pieces less than ½ kernel	5.0%	5%	5%
Fragments and dust passing through a 1.6mm RHS	1.0%	1%	2%
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.			

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Product label	Size	Product code	Tolerance for size variation		
			Fancy	Choice	Amber
Extra Large Pieces	Through 15mm, over 12.5mm	XL	15% (of which not more than 1% smaller than 3.18m)	20% (of which not more than 2% smaller than 3.18mm)	25% (of which not more than 2% smaller than 3.18mm)
Large Pieces	Through 14mm, over 10mm	LP			
Medium Pieces	Through 10mm, over 6mm	MP			
Small Pieces	Through 6mm, over 3mm	SP			
Granules	Through 3mm	G			

15.00 RECOMMENDED STORAGE CRITERIA	
Storage Conditions:	In clean, dry, cool place, away from heat and direct sunlight.
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:	Quality Control
TECHNICAL SIGNATURE	
DATE:	31.08.2023
Name: (Buyer)	Ishan Das
Signature:	

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