

PRODUCT SPECIFICATION

FREEWORLD TRADING LIMITED



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PRODUCT DESCRIPTION:	Pecan Nut Pieces
PRODUCT CODE:	0165
DATE ISSUED:	21.11.2023
DATE REVIEWED:	
REVISION NUMBER:	9

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

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

Commodity Buyer	Ishan Das
Email Address	Ishan@freeworld-trading.co.uk

1.00 PRODUCT INFORMATION	
Product Description	Pecan Nut Pieces
Grade/Variety	Fancy
Pack weight/format	30lb cartons
Packaging materials	Vacuum packed liners inside cardboard cartons
Shelf-life from production	12 months

2.00 INGREDIENT BREAKDOWN					
Ingredient	% at Recipe bowl stage	% in Final Product	Variety/Grade	Country of Origin	Country Of Manufacture
Pecan Nuts		100	Fancy	USA/Mexico	USA/Mexico

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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
PV/FFA on pecans can be affected by storage temperature conditions at any stage of its lifecycle, for best results, temperatures need to be kept as low as possible, typically below 35F (1.1C) will yield optimal results. Although sensory analysis can be a good indicator for rancidity, performing PV and FFA lab analysis is the only way to truly know a products rancidity stage

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:	Characteristically golden and amber coloured pecan pieces
Flavour and Aroma:	No musky or rancid odour, typical to pecan nut
Texture:	Firm and crisp

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	3131.2/759.05	USDA (modified by Regulation (EU) No 1169/2011)
Fats	71.97	
Of which:	-	
-saturated	6.180	
-monounsaturated	40.801	
-polyunsaturated	21.614	
Carbohydrates (total)	13.86	
Of which:	-	
-sugars	3.97	
-fibre	9.6	
Protein	9.17	
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	Yes*	Only Pecan nuts	*SDN plant - Hazelnuts, macadamia, walnuts, cashew nuts, pistachio, almond
Sesame seeds / sesame seed derivatives	n	n	n	
Mustard / mustard products	n	n	n	
Milk / milk derivatives	n	Yes*	n	*La Nog & SDN plants Milk (La Nog butter) is stored on site but segregated
Egg / egg derivatives / albumen	n	n	n	
Gluten	n	n	n	
Soya / soya derivatives	n	Yes*	n	*SDN soya lecithin
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 include: almond, hazelnut, walnut, cashew, pecan nut, Brazil nut, pistachio nuts, and macadamia nuts.

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.

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11.00 CHEMICAL ANALYSIS	
Parameter	Specification Limits
Moisture	4.6%
PV	5 meq/Kg max
FFA	1% Max
Aflatoxin	Total < 4ppb, B1 <2ppb
Pesticides	As per EU/UK Legislation
Heavy Metals	As per EU/UK Legislation

12.00 MICROBIOLOGY	
Microbes	Typical Levels
Total Viable Count	<10,000 cfu/g
Enteros	<100
Coliforms	<30
Escherichia Coli	<10 cfu/g
Yeasts	<500 cfu/g
Moulds	<500 cfu/g
Salmonella	Absent in 375gms

13.00 PHYSICAL ANALYSIS	
Physical attributes	Specification
Foreign Material	<0.05% per pound (no glass, no metallic pieces)
Serious Damage	0.5% max
Shell count	No more than 1 piece per 300lbs
Discolouration	Max 3.0%
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.	

Size	Mesh/sieve		% Retention
	Through	Over	
Extra Large	9/16" (14.28mm)	7/16" (11.11mm)	90
Large	½" (12.7mm)	5/16" (7.9mm)	85
Medium	3/8" (9.5mm)	3/16" (4.7mm)	85
Small	16/64" (6.3mm)	12/64" (3.17mm)	85
Small pieces double sieved	16/64" (6.3mm)	12/64" (3.17mm)	85 (more uniform product)
Midget	3/16" (4.7mm)	1/16" (1.58mm)	85

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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 <10°C	

16.00 OBLIGATIONS UPON THE PART OF THE SUPPLIER & TRADING TERMS OF FREEWORLD TRADING.
<p>Suppliers:</p> <p>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.</p> <p>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.</p> <p>Customers:</p> <ol style="list-style-type: none">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

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TECHNICAL SIGNATURE	<i>Karen Greenhorn.</i>	
DATE:	1.12.2023	
Name: (Buyer)	Ishan Das	
Signature:		



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