

# PRODUCT SPECIFICATION

FREEWORLD TRADING LIMITED



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PRODUCT DESCRIPTION:	Walnut Kernels, Light halves and pieces USA
PRODUCT CODE:	0538
DATE ISSUED:	12.04.2024
DATE REVIEWED:	
REVISION NUMBER:	6

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	Jonathan Dorrian
Email Address	<a href="mailto:jonathan@freeworld-trading.co.uk">jonathan@freeworld-trading.co.uk</a>

1.00 PRODUCT INFORMATION	
Product Description	Walnut kernels, halves, and pieces
Grade/Variety	Jungla Regias
Pack weight/format	22 or 25lb
Packaging materials	PE Liner 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
Walnuts	100	100		USA	USA

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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

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 golden brown walnuts halves and pieces
Flavour and Aroma:	Typical of walnuts with no off taints or odours
Texture:	Firm and crisp, 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	2958.4/716.05	USDA (modified by Regulation (EU) No 1169/2011)
Fats	65.21	
Of which:	-	
-saturated	6.13	
-monounsaturated	8.93	
-polyunsaturated	47.17	
Carbohydrates (total)	13.71	
Of which:	-	
-sugars	2.61	
-fibre	6.7	
Protein	15.23	
Sodium (mg)	2	
Salt (g)	0.005	

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/No – please check as supplier specific
Halal	Yes	Certified Yes/No – please check as supplier specific

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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	Walnuts	Walnuts	Walnuts	
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 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	6% max
Aflatoxin	Total <4ppb, B1<2ppb
Pesticides	As per EU/UK Legislation
Heavy Metals	As per EU/UK Legislation
PV	<5 meq O2/kg
FFA	<1.5%



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12.00 MICROBIOLOGY	
Microbes	Typical Levels
Total Viable Count	<50,000 cfu/g
Coliforms	<1,000 cfu/g
Escherichia Coli	<10 cfu/g
Yeasts	<10,000 cfu/g
Moulds	<25,000 cfu/g
Salmonella	Absent in 25gms

13.00 PHYSICAL ANALYSIS	
Physical attributes	Specification
Total defects	<5%
<b>Serious Damaged:</b> <b>Shrivelling</b> <b>Mould</b> <b>Discolouration</b>	<2% (included in 5% total damage)
Very Serious damaged Shrivelling >50%kernel affected Mould: visible in more than ¼ of the surface of the kernel. Insect Injury Rancidity Shell or any Foreign material	<1% (included in 2% serious damage)
Kernels darker than light	<15%
Kernels darker than light amber	<2% (included in 15% darker than light)
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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14.00 COUNT/SIZE					
Size Classification: the following classifications are provided to describe the size of any lot. “Halves”, “Pieces and Halves”, “Pieces” or “Small Pieces”. The size of portions of kernels in the lot shall conform to the requirements of the specified classification as defined below:					
Halves	Lot consists of 85% or more, by weight, half kernels, and the remainder ¾’s half kernels				
Pieces and halves	Lot consists of 20% or more, by weight, half kernels, and the remainder portions of kernels that cannot pass through a sieve with 24/64” round openings. When a lot exceeds this minimum requirement, the actual percentage of halves my be specified				
Pieces	Lot consists or portions of kernels that cannot pass through a sieve with 24/64” round opening				
Small pieces	Lot consists of portions of kernels that pass through a sieve with 24/64” round openings. When desired, the actual size ranges within such size ranges may be specified.				
Tolerance for size:					
(a) All percentages shall be calculated on the basis of weight					
(b) as indicated in table In order to allow for variations incident to proper sizing and handling, tolerances shall be permitted for the respective size classification below					
Size classification	Smaller than ¾ halves	Will not pass through 24/64”round hole	Pass through 24/64”round hole	Pass through 16/64”round hole	Pass through 8/64”round hole
Halves	5%	-	-	1% (included in 5%)	-
Pieces and halves *	-	-	18%	3% (included in 18%)	1% (included in 3%)
Pieces	-	-	25%	5% (included in 25%)	1% (included in 5%)
Small pieces**	-	10%	-	-	2%
*No part of any tolerance shall be used to reduce the percentage of halves required or specified in a lot of “pieces and halves”					
** The tolerance of 10% and 2% for “small pieces” classification shall apply, respectively, to any smaller maximum or any larger minimum sizes specified					

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:	16.04.20204
Name: (Buyer)	Jonathan Dorrian
Signature:	

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