



ARDO UK PRODUCT SPECIFICATION

Product name:	IQF Butternut Squash 10x1kg
Product code:	3BUS322
Date of first version :	09/10/2009
Date of revision:	20/07/2016
Version number:	5

DESCRIPTION



Legal name	Quick-frozen Butternut Squash
Latin name	<i>Cucurbita moschata</i>
Origin	Kenya, India, Portugal
Process description	Quick-frozen Butternut Squash chunks prepared in accordance with good commercial practice from fresh, clean sound fruit freshly picked, clean and free from disease, completely peeled and cut into irregular chunks, blanched to peroxidase negative and frozen to give a free flowing product at -18°C or below.
Cut size	approximate dimensions of 30mm per side. There should be between 30 – 40 chunks per kilo
Ingredient declaration	Butternut Squash (100%)

Organoleptic

Appearance	The internal tissue of Butternut Squash should be moist and should exhibit a good colour, typical of the variety and should be a clean, bright orange/yellow throughout a given sample.
Aroma	Butternut Squash which should possess a clean, delicate, natural aroma with no off odours or taints present.
Flavour	Butternut Squash which should possess a clean, delicate, natural flavour with no off flavours, taints or bitterness present.
Texture	Typical of Butternut Squash



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MICROBIOLOGICAL STANDARDS (cfu/g)

	MAXIMUM
Total Viable Count	500,000
Coliforms	1,000
E. coli	50
Yeast	50,000
Moulds	10,000
<i>Listeria monocytogenes</i>	100
<i>Salmonella</i>	absent/25g

AVERAGE NUTRITIONAL VALUES

	per 100 g	unit	% RI*	RI*
Energy	170	kJ	2%	8400
Energy	40	kcal	2%	2000
Fat	0.1	g	< 1%	70
of which saturates	0.00	g	< 1%	20
Carbohydrate	7.9	g	3%	260
of which sugars	4.4	g	5%	90
Fibre	1.6	g	7%	24
Protein	1.1	g	2%	50
Salt	0.01	g	< 1%	6

*Reference intake of an average adult (8400 kJ / 2000 kcal)

Source	Based on Nutricalc Software FX3 v.40 (cf. McCance & Widdowson 7th Edition)
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ALLERGEN INFORMATION

Allergens according to the EU Regulation 1169/2011 and its modifications:

	Product contains (+) or is free from (-)
Gluten from cereals: wheat, rye, barley, oats, spelt, kamut or their hybridised strains, and products thereof; except: 1/ wheat based glucose syrups including dextrose, 2/ wheat based maltodextrins, 3/ glucose syrups based on barley, 4/ cereals used for making alcoholic distillates including ethyl alcohol of agricultural origin.	-
crustaceans and products thereof	-
eggs and products thereof	-
fish and products thereof; except: 1/ fish gelatine used as carrier for vitamin or carotenoid preparations, 2/ fish gelatine or Isinglass used as fining agent in beer and wine	-
peanuts and products thereof	-
soybeans and products thereof; except: 1/ fully refined soybean oil and fat, 2/ natural mixed tocopherols (E306), natural D-alpha tocopherol, natural D-alpha tocopherol acetate, natural D-alpha tocopherol succinate from soybean sources, 3/ vegetable oils derived phytosterols and phytosterol esters from soybeans sources, 4/ plant stanol ester produced from vegetable oil sterols from soybean sources	-
milk and products thereof (including lactose); except: 1/ whey used for making alcoholic distillates including ethyl alcohol of agricultural origin, 2/ lactitol	-
nuts i.e. almonds, hazelnuts, walnuts, cashews, pecan nuts, brazil nuts, pistachio nuts, macadamia nuts and queensland nuts and products thereof; except: nuts used for making alcoholic distillates including ethyl alcohol of agricultural origin	-
celery and products thereof	-
mustard and products thereof	-
sesame seeds and products thereof	-
sulphur dioxide and sulphites at concentrations of more than 10 mg/kg or 10 mg/litre expressed as SO ₂	-
lupin and products thereof	-
molluscs and products thereof	-

Other allergens (according to LeDa-list):

	Product contains (+) or is free from (-)
Beef	-
Pork	-
Chicken	-
Corn/Maize	-
Cacao	-
Legumes/pulses	-
Glutamate	-
Coriander	-
Carrot	-



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Free from:

	Product contains (+) or is free from (-)
Oil refined to SCOPA std	-
Oil not refined to SCOPA std	-
Maize/Corn & derivates	-
Rice & rice derivates	-
Spices & spice extracts	-
Herbs & herb extracts	-
Yeast & Yeast extract	-
Fruit & Fruit Derivatives	+
Vegetable & Vegetable Derivatives	-
Leguminous Plants	-

Other:

	Product contains (+) or is free from (-)
Additives	-
Natural Colours	-
Artificial Colours	-
Azo Dyes	-
Natural Flavourings	-
Flavouring Substances	-
Flavour Enhancers	-
MSG	-
Artificial Preservatives	-
BHA	-
BHT	-
Emulsifiers	-
Stabilisers	-
Artificial Sweeteners	-
Sugar	-
Molasses	-
Maltodextrin	-
Salt	-
Salt Substitutes	-
Irradiated Ingredients	-
Genetically Modified Material	-

Suitable for

	Yes	No	Remark
Kosher	V		not certified
Halal	V		not certified
Coeliacs	V		
Diabetics	V		
Lactose intolerant	V		
Vegetarians	V		
Ovo-lacto vegetarians	V		
Vegans	V		
Nut/seed allergy	V		



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DEFECTS

DEFINITIONS

Foreign Matter (FM): Any matter of non-vegetable origin such as stones, soil, insect, wood, metal, plastic, and any toxic vegetation or anything which will render the product unacceptable.

Foreign Extraneous Vegetable Matter (FEVM): Any vegetable matter not originating from the plant and which is non-toxic.

Extraneous Vegetable Matter (EVM): Any vegetable material originating from the plant, but excluding the fruit.

Colour Variants: any unit conspicuously different in colour from the natural colour of the variety. Any slices which are paler on one side are not classed as colour variants.

Major Blemish: includes units which have blackened, decomposed or discoloured areas where the area affected is greater than an equivalent circle 6mm in diameter, either as a single blemish or aggregate of blemishes.

Minor Blemish: includes units as above but where the area affected is greater than an equivalent circle 2mm in diameter but less than 6mm either as a single blemish or aggregate of blemishes.

Badly Sliced: not separated, unsliced, ragged edges etc.

Oversize chunks: any chunk > 45g in weight

Small Chunks: any piece <25g in weight

NOMINAL SIZE

approximate dimensions of 30mm per side. There should be between 30 – 40 chunks per kilo.

TOLERANCES

Assessed on a 1000g sample – Frozen	
Foreign Matter - No.	0
Foreign Extraneous Vegetable Matter - No.	0
Extraneous Vegetable Matter - No.	2
Oversize Chunks (% w/w)	<15%
Small Chunks (% w/w)	<25%
Major Defects (% w/w)	<3%
Minor Defects (% w/w)	<5%
Badly Sliced - No.	2%
Colour Variants - No.	2%



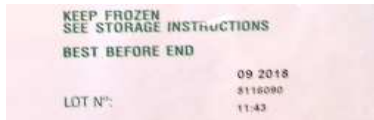
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PACKAGING

Net weight	10kg
Pack Type	10X1kg
Packaging	PE bag in cardboard box
Inner Packaging	250mm
Outer Packaging	390X285X190mm
Palletisation	10 cardboard boxes / layer 80 cardboard boxes / pallet
Pallet	Blue Chop pallet
Lot number	XXYYDDD: where XX relates to factory code, YY is the year, DDD is the Julian date code
Best Before	30 months
Minimum Shelf Life on delivery	100 days
Storage conditions	Keep frozen at -18°C or below
Storage Defrosted	Keep refrigerated and use within 24 hours.

Inner pack coding



Outer case coding



Inner packaging/Outer case



RECOMMENDED USE

Cook from frozen. Prepare as fresh vegetables with reduced cooking time. Ensure the product is piping hot before serving. Add spices to your own taste.

Oven: Preheat the oven to 200°C. Heat the frozen product in the oven for 20-25min or until golden or tender, adding a little vegetable oil.



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WARRANTY

We warrant that this product, intended for food use will meet the requirements of Acts, Regulations and Orders applicable in the United Kingdom relating to the goods supplied, including but not necessarily limited to the following:

The Food Safety Act 1990 and all relevant Regulations and their amendments.

The Food Hygiene (England) Regulations 2006 and all relevant amendments.

The Materials and Articles in Contact with Food (England) Regulations 2005 and all relevant amendments.

All regulations made as a result of the requirements of European Union Directives and Regulations.

GENERAL STATEMENTS

Pesticides	in accordance with EC regulation 396/2005 and its modifications
Heavy metals, mycotoxins and nitrates	in accordance with EC regulation 1881/2006 and its modifications
GMO	the product is free from gmo, according to the EC

APPROVAL

	Approved on behalf of:	Approved on behalf of:
Company name:	Ardo UK Limited Ashford Road, Charing, Ashford, Kent, TN27 0DF, UK Tel: +44 (0)1233 714714 Fax +44 (0)1233 714777	
Name:	Laiana SUSTKOVA	
Function:	Specifications Officer	
Date:	20/07/2016	
Signature + stamp:		
Remarks:		