



ARDO UK PRODUCT SPECIFICATION

Product name:	IQF Swede Diced 10mm 4x2.5kg
Product code:	3RGB610
External code:	RGB61A
Date of first version :	02/08/2004
Date of revision:	15/06/2020
Version number:	13

DESCRIPTION



Legal name	Quick-frozen Swede diced
Latin name	<i>Brassica napus. Var napobrassica</i>
Origin	Belgium
Process description	Quick-frozen swede shell be prepared and frozen from sound healthy roots of <i>Brassica napus Var. napobrassica</i> . The process should ensure that the product is free flowing, stable in colour and flavour, and the product temperature should not be warmer than -18°C after thermal stabilisation.
Cut size	10x10x10mm
Ingredient declaration	Swede (100%)

Organoleptic

Appearance	The colour should be consistently uniform yellow to orange yellow and bright overall.
Aroma	Typical and characteristic aroma of swede.
Flavour	Flavour typical and characteristic of swede.
Texture	Texture typical and characteristic of swede, with tender flesh and free from fibrous or woody material.



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MICROBIOLOGICAL STANDARDS (cfu/g)

	MAXIMUM
Total Viable Count	1,500,000
Coliforms	10,000
E. coli	100
Yeast and Moulds	5,000
<i>Staphylococcus aureus</i>	100
<i>Listeria monocytogenes</i>	100
<i>Salmonella</i>	absent/25g

AVERAGE NUTRITIONAL VALUES

	per 100 g	unit	% RI*	RI*
Energy	128	kJ	2%	8400
Energy	31	kcal	2%	2000
Fat	0.3	g	< 1%	70
of which saturates	0.00	g	< 1%	20
Carbohydrate	5.0	g	2%	260
of which sugars	4.9	g	5%	90
Fibre	2.5	g	10%	24
Protein	0.7	g	1%	50
Salt	0.04	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.

Clumps: These are where three or more dice are frozen together, and which cannot be readily separated without causing damage. Clumps of more than 6 dice are unacceptable in Grade A. The number of dice occurring in the clumps shall be counted and reference made to the tolerances for defects table. Clumps shall be defrosted and used for the assessment of the remaining defects.

Gross Blemishes: A gross blemish is a black or dark brown, or decomposed area which covers an area greater than 25% of the surface area of the dice.

Minor Blemish: A minor blemish is a discoloured area (other than green, but including faulty peeling) either as a single blemish or an aggregate of blemishes covering an area less than an equivalent circle of 6mm in diameter. Single blemishes less than an equivalent circle of 2mm in diameter shall be ignored.

Major Blemish: A major blemish is a discoloured area (other than green, but including faulty peeling), either as a single blemish or as an aggregate of blemishes, covering an area greater than an equivalent circle of 6mm diameter, but less than 25% of the surface area.

Greening: A dice with greening is one which has a green, peeled area greater than 2mm in diameter.

Oversize: This includes dice which are larger than one and a half times the declared size in any one or more dimensions.

Undersize: These are dice which fall through a sieve having a square mesh 8 x 8mm with a nominal aperture size of 8mm and nominal wire diameter of 2mm.

NOMINAL SIZE

	TARGET
LENGTH	10mm
THICKNESS	10mm
WIDTH	10mm

TOLERANCES

Assessed on a 1000g sample – Frozen	
FM	0
FEVM	0
EVM	2
Clumps (% w/w)	20
Assessed on a 250g sub-sample - rinsed free of ice	
Gross Blemish (%w/w)	2
Major Blemish (%w/w)	5
Minor Blemish (%w/w)	15
Greening (%w/w)	15
Oversize (%w/w)	15
Undersize (%w/w)	15



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PACKAGING

Net weight	10kg
Pack Type	4x2.5kg
Packaging	PE bag in cardboard box
Inner Packaging	300x380mm
Outer Packaging	390x285x150mm
Palletisation	10 cardboard boxes / layer 80 cardboard boxes / pallet
Pallet	Blue Chep pallet
Lot number	XXYYDDD: where XX relates to factory code, YY is the year, DDD is the Julian date code
Best Before	24 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

Boil: Add the required amount of frozen vegetables to boiling water. Cook until tender. Add spices to your own taste.

Microwave: Place desired quantity in non-metallic dish with 2 tablespoons of water and cover. Cook until tender. Drain and season to taste.



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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 regulations 1829/2003 and 1830/2003 and its modifications

APPROVAL

	Approved on behalf of:	Approved on behalf of:
Company name:	Ardo UK Limited <i>Ashford Road, Charing, Ashford, Kent, TN27 0DF, UK</i> Tel: +44 (0)1233 714714 Fax +44 (0)1233 714777	
Name:	Eliza LANGNER	
Function:	Technologist	
Date:	15/06/2020	
Signature + stamp:	<div style="border: 1px solid black; padding: 5px; display: inline-block;">ARDO UK LTD ASHFORD ROAD CHARING ASHFORD KENT TN27 0DF</div> <i>Eliza Langner</i>	
Remarks:		



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REVISIONS

Reason for revision	Date
External code, Revisions added	19/06/2017
Defect tolerances updated	15/06/2020