



ARDO UK PRODUCT SPECIFICATION

Product name:	Frozen Hash Browns 4x2.5kg
Product code:	316203
External code:	ROD001
Date of first version :	15/01/2013
Date of revision:	07/08/2020
Version number:	5

DESCRIPTION



Legal name	Prefried frozen Hash Browns
Origin	Belgium
Process description	Pre-fried frozen Hash Browns are produced from fresh Bintje potatoes (<i>Solanum tuberosum</i> L.) in accordance to good manufacturing practices washed, peeled, sorted and trimmed to assure a clean and wholesome product. The blanched potatoes are then shredded, diced or chopped, formed, fried and frozen at temperatures necessary for their preservation. The process used should ensure that product is free flowing, is stable in colour and flavour, and the product temperature shall be not warmer than -18°C after thermal stabilisation.
Size	Triangular Shape Weight/piece: 50 ± 3 g Thickness: 18 ± 3 mm
Ingredient declaration	Potatoes (79%), non-hydrogenated palm oil (max. 5%), potato flakes, onion (3%), potato starch, pea fibre, salt, dextrose, natural onion flavouring, spices, antioxidant: E300.

Organoleptic

Appearance	Hashbrowns possess a reasonably good colour to appear golden brown with darker natural highlights along the edges.
Aroma	Aroma shall be characterised by a seasoned fried potato. The product shall be free from objectionable odours.
Flavour	The flavour shall be characterised by a seasoned fried potato taste. The product shall be free from objectionable flavours.
Texture	Good texture shall be characterised by crisp exterior with a tender, mealy interior. The product is not more than slightly affected by units which are hard, mushy, pasty, soggy, dry or oil soaked.



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MICROBIOLOGICAL STANDARDS (cfu/g)

	MAXIMUM
Total Viable Count	300,000
Enterobacteriaceae	1,000
<i>E. coli</i>	100
<i>Staphylococcus aureus</i>	500
<i>Listeria monocytogenes</i>	100
<i>Salmonella</i>	absent/25g

AVERAGE NUTRITIONAL VALUES

	per 100 g	unit	% RI*	RI*
Energy	772	kJ	9%	8400
Energy	185	kcal	9%	2000
Fat	8.7	g	12%	70
of which saturates	4.30	g	22%	20
Carbohydrate	23.3	g	9%	260
of which sugars	0.2	g	< 1%	90
Fibre	2.1	g	9%	24
Protein	2.2	g	4%	50
Salt	0.60	g	10%	6

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

Source	Analysis on product as sold
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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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PACKAGING

Net weight	10kg
Pack Type	4x2.5kg
Packaging	PE bag in cardboard box
Inner Packaging	mm
Outer Packaging	mm
Palletisation	84 cardboard boxes / pallet
Pallet	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.



RECOMMENDED USE

Oven:

Preheat the oven to 220oC, 425oF, Gas Mark 7

Place the frozen products in a single layer on a baking tray. Cook for approximately 15-20 minutes, turning halfway through cooking time.

Deep Fryer:

Pre-heat oil to 175oC. Place the required amount into the wire basket and deep fry for approximately 3-5 minutes. Drain well before serving.



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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

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:	07/08/2020	
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
Updated, New document format	15/08/2017
Revisions added	07/08/2020