

## PRODUCT SPECIFICATION

PRODUCT DETAILS					
Product Title	Small Chunk Pickle			Brand	Branston
Legal Description	Sweet pickle with small chunk mixed vegetables and spices			Mizkan Recipe Code	IP0547
Spec Format	Multi Spec	Drained Weight	Not applicable	Version	5

SUPPLIER DETAILS				
<b>Manufacturing site</b>	Bury St Edmunds, Mildenhall Road Bury St. Edmunds Suffolk, IP32 6EN			
<b>Contacts</b>	<b>Email</b>	<b>Telephone Number</b>	<b>Job Function</b>	<b>Emergency Contact?</b>
Kerry Yule	kerry.yule@mizkan.co.uk	07792301269	Technical Manager	No
Vincent O Donnell	Vincent.odonnell@mizkan.co.uk	+44 (0)203 675 2220	Head of Channels	No
Gate Security (24x7x 365 days)	bury.security@mizkan.co.uk	44 (0) 1284 768761/ 732711/732700	Security	Yes

LABEL INFORMATION							
CSN Code	Case Size	Declared weight (g)	Drained weight (g)	Tangometer Status	PMP/ Other artwork logos	Label item codes	Barcodes
2000034	100	23.5g	Not Applicable	Not Applicable	Not Applicable	n/a	96166703
2000705	6	280g e	Not Applicable	Not Applicable	PMP £1.49	FOP: 3013712 BOP: 3013713	5060336506954
2000038	6	350g e	Not Applicable	Not Applicable	Not Applicable	FOP: 3009181 BOP: 3013688	5060336505261
2000035	6	360g e	Not Applicable	Not Applicable	Not Applicable	FOP: 3009177 BOP: 3013685	5060336505209
2000613	6	360g e	Not Applicable	Not Applicable	PMP £1.59	FOP: 3013120	5060336505360

## PRODUCT SPECIFICATION

						BOP: 3013691	
2000036	6	520g e	Not Applicable	Not Applicable	Not Applicable	FOP: 3009179 BOP: 3013686	5060336505223
2000037	6	720g e	Not Applicable	Not Applicable	Not Applicable	FOP: 3009179 BOP: 3013687	5060336505247
2000609	6	720g e	Not Applicable	Not Applicable	Not Applicable	3013694	5060336505322
2000095	2	2.55kg e	Not Applicable	Not Applicable	Not Applicable	3013698	5060336506244
2000094	1	6kg e	Not Applicable	Not Applicable	Not Applicable	3013697	5060336506220
2000098	1	12kg e	Not Applicable	Not Applicable	Not Applicable	n/a	n/a – bucket with sticker
1000191	1	Pallecon	Not Applicable	Not Applicable	Not Applicable	n/a	n/a – BI Foods

### INGREDIENT LISTING

Vegetables in Variable Proportions (51%) (Carrot, Rutabaga, Onion, Cauliflower), Sugar, **Barley** Malt Vinegar, Spirit Vinegar, Water, Tomato Purée, Date Paste (Dates, Rice Flour), Apple Pulp, Salt, Modified Maize Starch, Colour (**Sulphite** Ammonia Caramel), Onion Powder, Concentrated Lemon Juice, Spices, Colouring Food (Roasted **Barley** Malt Extract), Herb and Spice Extracts.

Allergy Advice: For allergens, see ingredients in **bold**

### INGREDIENT INFORMATION

No	No	Ingredients Compound Ingredients	Total % as a % of Final Product	Additive function	Supplier	Country of Manufacture	Country of Origin	Declare Y/N	Position
	1	Carrot	Conf.		Conf.	UK	UK	Y	1
	2	Rutabaga	Conf.		Conf.	UK	UK	Y	1

## PRODUCT SPECIFICATION

	3	Onions	Conf.		Conf.	Poland, UK	Poland, UK, Holland, Ukraine South Africa	Y	1
4a	4	Cauliflower	Conf.		Conf.	UK	Germany, UK, India	Y	1
	4a	Cauliflower	Conf.		Conf.	UK	UK	Y	1
	4a	Salt	Conf.		Conf.	UK	Germany, India	Y	7
	4a	Lactic acid	Conf.	Preservative-Lactic acid is derived from sugar beet, cane or molasses not from milk derivative	Conf.	UK	UK	N- non functional carry over	n/a
	5	Sugar	Conf.		Conf.	UK	UK, Zambia, Mozambique, Mauritius, Argentina, Australia, Barbados, Belize, Brazil, Colombia, Costa Rica, Dominican Republic, El Salvador, Fiji, Guadeloupe, Guatemala,	Y	2

## PRODUCT SPECIFICATION

							Guyana, Honduras, Jamaica, Laos, Malawi, Nicaragua, Panama, Reunion, Swaziland, Zimbabwe		
	6	Barley Malt Vinegar	Conf.		Mizkan Euro Ltd	UK	UK	Y	3
	7	Spirit Vinegar	Conf.		Conf.	UK, Netherlands, Spain	UK, Netherlands, Spain	Y	4
	8	Water	Conf.		Local water authority	UK	UK	Y	5
	9	Tomato Paste	Conf.		Conf.	Greece, Portugal, China, Spain	Greece, Portugal, China, Spain	Y	6
10a	10	Date Paste	Conf.		Conf.	UK	UK	Y	7
	10a	Dates	Conf.		Conf.	UK	Iran, Pakistan	Y	7
	10a	Rice Flour	Conf.	Anti- caking agent, non - functional in the finished product.	Conf.	UK	Egypt, Portugal, Spain, Thailand, Uruguay, Cambodia, India, Myanmar, Puerto Rico, Brazil, Guyana, Paraguay	Y	7

## PRODUCT SPECIFICATION

11a	11	Apple Pulp	Conf.		Conf.	UK	UK	Y	8
	11a	Apple	Conf.		Conf.	UK	UK	Y	8
	11a	Acetic Acid	Conf.	Preservative E260	Conf.	UK	UK	N- non-functional carry over	n/a
12a	12	Salt	Conf.		Conf.	UK	UK	Y	9
	12a	Salt	Conf.		Conf.	UK	UK	Y	9
	12a	Sodium Ferrocyanide (E535)	Conf.	E535	Conf.	China	China	N- non-functional carry over	n/a
	13	Modified Maize Starch	Conf.		Conf.	Italy, France	Italy, France	Y	10
	14	Sulphite Ammonia Caramel	Conf.	Colour E150d	Conf.	UK	UK	Y	11
15a	15	Spice Blend	Conf.		Conf.	UK	UK	N	n/a
	15a	Onion Powder				USA, Egypt, China, Spain	USA, Egypt, China, Spain, Portugal	Y	12
	15a	Ginger	Conf.	Spices	Conf.	India	India, Nigeria	Y	14
	15a	Salt	Conf.		Conf.	UK	UK, China	Y	9
	15a	Cloves	Conf.	Spices	Conf.	UK	Comoros, Madagascar, Sri Lanka, Indonesia, Zanzibar	Y	14
	15a	Nutmeg	Conf.	Spices	Conf.	Indonesia, Italy	Indonesia	Y	12
	15a	Rapeseed Oil	Conf.	Carrier	Conf.	UK, France, Netherlands, Germany	France, Germany, Hungary,	N- non-functional carry over	n/a

## PRODUCT SPECIFICATION

							Slovakia, Poland, Czech Republic, Belgium, Austria, Russia, Ukraine, Australia, Denmark, UK, Bulgaria, Moldova, Romania, Lithuania, Latvia, Estonia, Argentina		
	15a	Silicon Dioxide	Conf.	Anti- caking agent	Conf.	UK	UK	N- non- functional carry over	n/a
	15a	Spice Extract	Conf.		Conf.	UK	UK, India, China	Y	16
	15a	Herb Extract	Conf.		Conf.	UK	UK, Dominica, Turkey, Jamaica, China, Germany	Y	16
	16	Concentrated Lemon Juice	Conf.		Conf.	Italy	Italy	Y	13
	17	Roasted Barley Malt Extract	Conf.		Conf.	UK	UK	Y	13
18a	18	Roasted Barley Malt Extract	Conf.		Conf.	UK	UK	Y	15

## PRODUCT SPECIFICATION

18a	Roasted Barley Malt Extract	Conf.		Conf.	UK	UK	Y	15
18a	Water	Conf.		Conf.	UK	UK	Y	5

NUTRITIONAL INFORMATION	
Calculated or Analysed	Analysed
Method or Source of Data	UKAS Accredited Lab
As Sold	As Sold
	Per 100g
Energy (kJ)	653
Energy (kcal)	159
Fat (g)	0.8
of which Saturates (g)	0.3
Carbohydrate (g)	35
of which sugars (g)	29
Fibre (g)	1.7
Protein (g)	0.6
Salt (g)	3.9

CHEMICAL PARAMETERS							
Parameters	Target	Unit	Testing Frequency	Testing Method			
pH	Max 3.7	pH units	Every Batch	Titration			
% Acid	1.7 – 2.1	%	Every Batch	Titration			
% Salt	3.0- 5.0	%	Every Batch	Titration			
% TSS	Min 38	%	Every Batch	Refractometer			
Bostwick	2-6	Cm per 30 seconds	Every Batch	Bostwick Test			
MICROBIOLOGICAL SPECIFICATION							
<b>Is the product commercially sterile? (If NO, please complete the table below)</b>		Yes					
<b>Comments</b>		Because of high acidity and low pH of product, pathogenic microbial growth is not supported.					
Parameter	Typical values	Units	Accept	Max, Reject	Frequency of Testing	Method, Time, Temp	Appears on COA, COC

## PRODUCT SPECIFICATION

TVC	<100	cfu/g	<100	>100	Annually	UKAS accredited method	N/A
Coliforms	N/A						
Yeasts	<100	cfu/g	<100	>100	Annually	UKAS accredited method	N/A
Moulds	<100	cfu/g	<100	>100	Annually	UKAS accredited method	N/A
Enterobacteriaceae	<10	cfu/g	<10	>10	Annually	UKAS accredited method	N/A
Salmonella species	Not detected	25g	Not detected	Detected	Annually	UKAS accredited method	N/A
Lactic Acid Bacteria (Presumptive)	<100	cfu/g	<100	>100	Annually	UKAS accredited method	N/A
Listeria species	N/A						
Listeria Monocytogens	N/A						
E. coli	N/A						
Bacillus cereus	N/A						
Coagulase Positive Staphylococcus	N/A						
Clostridium Perfringens	N/A						
Campylobacter	N/A						
S. aureus	N/A						
Vibrio	N/A						
	N/A						

ALLERGEN INFORMATION				
ALLERGENS	Contains	Present on Line	Present on Site	Comments
Cereals containing Gluten / Cereal Derivatives	Yes	Yes	Yes	Barley Malt Extract, Barley Malt Vinegar
Wheat / Wheat Derivatives	No	Yes	Yes	Strict Allergen Controls in place.



## PRODUCT SPECIFICATION

Barley / Barley Derivatives	Yes	Yes	Yes	Barley Malt Extract, Barley Malt Vinegar
Oats / Oat Derivatives	No	No	No	Strict Allergen Controls in place.
Rye / Rye Derivatives	No	No	Yes	Strict Allergen Controls in place
Corn (maize) / Derivatives	Yes	Yes	Yes	Modified Maize Starch
Spelt / Kamut or their hybridised strains	No	No	No	Strict Allergen Controls in place
Milk / Milk Derivatives	No	Yes	Yes	Strict Allergen Controls in place
Peanuts / Peanut Derivatives	No	No	No	Strict Allergen Controls in place.
Nuts / Nut Derivatives	No	No	Yes	Strict Allergen Controls in place
Molluscs	No	No	No	Strict Allergen Controls in place.
Shellfish	No	No	No	Strict Allergen Controls in place.
Sesame Seeds / Sesame Seeds Derivatives	No	Yes	Yes	Strict Allergen Controls in place
Sulphur Dioxide and Sulphites >10ppm	Yes	Yes	Yes	Sulphite Ammonia Caramel. Less than 10ppm.
Lupin / Lupin Derivatives	No	No	No	Strict Allergen Controls in place.
Eggs / Egg Derivatives	No	Yes	Yes	Strict Allergen Controls in place
Crustaceans/ Crustaceans Derivatives	No	No	No	Strict Allergen Controls in place.

## PRODUCT SPECIFICATION

Fish / Fish Derivatives	No	No	Yes	Strict Allergen Controls in place
Celery / Celeriac / Derivatives	No	Yes	Yes	Strict Allergen Controls in place
Mustard / Mustard Derivatives	No	Yes	Yes	Strict Allergen Controls in place
Soya / Soya Derivatives	No	Yes	Yes	Strict Allergen Controls in place

**Note:** The information contained above relates to the presence/absence of ingredients in the product and is not a guarantee of total absence where presence is due to adventitious contamination within the supply chain.

<b>DIETARY SUITABILITY</b>		
	<b>Suitability</b>	<b>Additional Information</b>
Suitable for Vegan Diet	Yes	Food ingredients used in the manufacturing of this product are suitable for vegan diet.
Suitable for Vegetarian Diet	Yes	Food ingredients used in the manufacturing of this product are suitable for vegetarian diet.
Suitable for Halal Diet	No	Not Certified
Suitable for Kosher Diet	No	Not Certified
Is the product organic?	No	

**Note:** The information contained above relates to the suitability based on the presence/absence of ingredients in the product and is not a guarantee of total absence where presence is due to adventitious contamination within the supply chain.

<b>ADDITIVES</b> (including preservative, sweeteners, colours, flavour enhancers, yeas/yeast extract, BHA/BHT)					
<b>Name</b>	<b>E Number</b>	<b>Function</b>	<b>% in Final Product</b>	<b>Legal Limit</b>	<b>Declared?</b>
Sulphite Ammonia Caramel	E150d	Colour	<1%	Quantum Statis.	Yes
Modified Maize Starch	E1442	Modified Maize Starch	<3%	Quantum Statis	Yes
Silicon Dioxide	E551	Anti-caking	<0.01%	Quantum Statis	No, non-functional

## PRODUCT SPECIFICATION

		agent in spices			carry over additive
Sodium Hexacyanoferrate (II)	E535	Anti-caking agent in salt	<0.001%	20mg/kg in salt expressed as anhydrous potassium ferrocyanide	No, non-functional carry over additive
Lactic Acid	E270	Preservative in cauliflower	<0.1	Quantum Statis	No, non-functional carry over additive
Acetic Acid	E260	Preservative in apple pulp	<0.2%	Quantum Statis	No, non-functional carry over additive

### TREATMENTS

Has the material been treated with ionising radiation?	No		
List any testing for residues of below substances	<b>Testing</b>	<b>Testing Frequency</b>	<b>Compliant with UK/EC legislation?</b>
Pesticides / Herbicides / Fungicides	Yes- at vegetable suppliers	Random test on all vegetables during harvest season	Yes

### GMO

Does the product or any of its ingredient contains GMO?	No
Identify ingredient contains / produced from GMO	Not Applicable
Does the product contain Identity Preserved material? If yes, please identify.	Modified Maize Starch, S1190, Certificate number: NGM119, certified by Bureau Veritas, Rapeseed oil, inSYTE, supplier ref. 214
Does genetically modified origin labelling require? If yes, please detail.	No
Does the product made using GM derived enzymes and cultures approved in the UK for food use? If yes, please identify.	No

## PRODUCT SPECIFICATION

If the product is of animal origin or contains ingredients of animal origin, were the animals fed on feed or feed ingredients derived from genetically modified materials?	No
--	----

FOREIGN MATTER PREVENTION AND PRODUCT SAFETY	
CCP	Parameters
pH	Critical Limit < 4.2 Target < 3.7
<b>Line 3 - 2000038</b>	
Metal Detector	Fe = 2.5mm NFe = 4.5mm SS = 7.0mm
<b>Line 4 – 2000035/2000036/2000037/ 20000613</b>	
Metal Detector	Fe = 2.5mm NFe = 4.5mm SS = 7.0mm
<b>Line 5 – 2000609</b>	
Metal Detector	Fe = 2.5mm NFe = 4.0mm SS = 6.0mm
<b>Line 6 – 2000094/2000095/2000098</b>	
Metal Detector	Fe = 2.5mm NFe = 4.0mm SS = 5.0mm

PACKAGING DETAILS						
CSN Code	Pack format	Packaging type and description		Material	Weight	Dimensions
2000035	6 x 360g	Primary	Jar	Glass	185g	76.2x117.1mm
			Cap	Tin plate	9.2g	63mm
			Label	Paper	2x1g	99.5x47.5mm 67x48.5mm
		Secondary	Tray	Cardboard	20.5g	234x157x33.5mm
2000705	6 x 280g	Primary	Jar	Glass	208g	76.2 x 99.6 mm
			Cap	Tinplate	12g	63mm
			Label	Paper	2x1g	39.8x66.8mm 40x99.5mm
		Secondary	Tray	Corrugated	24g	232 x 155 x 32mm
2000036	6 x 520g	Primary	Jar	Glass	248g	81.6x143.5mm
			Cap	Tin plate	9.2g	63mm
			Label	Paper	2x1g	114.5 x 54.25mm 68.5x94.5mm

## PRODUCT SPECIFICATION

		Secondary	Tray	Cardboard	23.5g	252x167x33.5mm
2000037	6 x 720g	Primary	Jar	Glass	345g	92.2x155.6mm
			Cap	Tin plate	13.10g	70mm
			Label	Paper	2x1g	114.5 x 54.25mm 68.5x94.5mm
		Secondary	Tray	Cardboard	27.5g	278x186x32mm
2000038	6 x 350g	Primary	Bottle	PET	24g	135x50.37x56.3mm
			Cap	PP	10.1g	55.1x23.65mm
			Label	Paper	2x1g	52.25x90.25mm
		Secondary	Tray	Cardboard	20.5g	234x157x33.5mm
2000095	2 x 2.55kg	Primary	Plastic Bottle	PP	94g	238x79.15mm
			Cap	PP	12.5g	80mm
			Label	Paper	1g	175x135mm
		Secondary	Tray	Cardboard	20.5g	217x136x43mm
2000094	1 x 6kg	Primary	Bucket with lid	PP	150g	199x199x201mm
			Label	Paper	1g	190x130mm
2000613	6 x 360g	Primary	Jar	Glass	185g	76.2x117.1mm
			Cap	Tin plate	9.2g	63mm
			Label	Paper	2x1g	99.5x47.5mm 67x48.5mm
		Secondary	Tray	Cardboard	20.5g	234x157x33.5mm
2000098	1 x 12kg	Primary	Bucket with lid	PP	340g	270x230x242mm
			Label	Paper	1g	104 x 74mm
2000034	100x 23.5g	Primary	PVC base of dip pot	PVC base	1g	50 x 60 x 25mm
			Dip pot lid	Foil lid	0.69g	50 x 60 x 25mm
		Secondary	Carboard	Carboard outer box	120g	265x210x120mm
2000609	6 x 720g	Primary	Jar	Glass	351g	93.5 x 144.2mm
			Cap	Tin plate	13.5g	82mm
			Label	Paper	1g	180x58mm
		Secondary	Tray	Cardboard	27.5g	278x186x32mm

## PRODUCT SPECIFICATION

PRODUCT CODING AND STORAGE							
Shelf Life	Unopened 2000035 / 2000036 / 2000037 / 2000613 / 2000609/ 2000705	730 Days		Storage Temperature °C	Opened (min-max)	5-8°C	
	Unopened 2000038 / 2000094 /	548 days			Unopened (min-max)	15-30°C	
	Unopened 2000095 /	457 days					
	Unopened 2000098 2000034	365 days					
	Unopened 1000191	366 days					
	Opened 2000035 2000036 2000037 2000613 2000038 2000094 2000095 2000098 1000191 2000609	42 days / 6 weeks			Coding position on pack	Best Before End: See Cap. Dip pot: See base.	
	Opened 2000034	24 hours			Explanation of Coding	BBE: MMM YYYY Julian code format (eg 5010) First digit = last digit of year of production (2015 = 5) Last 3 digits = Day the year of production. 010 = tenth day of the year (10 <sup>th</sup> of January). EXCEPTION: 29 <sup>th</sup> Feb on a leap year is recorded as 000	
	<b>Storage Instruction</b>			<p>Store in a cool, dry place. Once opened keep in the fridge and use within 6 weeks.</p> <p>Dip pot: Store in a cool, dry place. Once opened consume within 24 hours.</p>			

## PRODUCT SPECIFICATION

VERSION CONTROL			
Version	Date	Created By	Changes
1	11.06.2018	Timea Szabo	Clean label product
2	14.01.2019	Timea Szabo	Recipe change, IP number change
3	24.05.2019	Timea Szabo	New country of origin added for onion, new pack format added
4	02.10.2020	Timea Szabo	Spirit vinegar COO updated
5	01.04.2021	Sandeepa N	Added Modified Maize Starch to Additives table

SIGN OFF					
Confirmed By		Approved By			
NPD Manager	Date	Technical Manager	Date	Specification Manager	Date