



**Shepcote Distributors Ltd**  
 Pexton Road  
 Kelleythorpe Industrial Estate, Driffield  
 East Yorkshire, YO25 9FR

Tel: 01377 252537  
 Email: [technical@shepcote.com](mailto:technical@shepcote.com)  
 www: [www.shepcote.co.uk](http://www.shepcote.co.uk)

### Product Specification

#### Product Information

Product Name	Buttermilk Powder	
Product Description	Buttermilk is the liquid fraction, which is obtained when sweet cream is churned during the manufacture of butter. The buttermilk is heat treated, concentrated under vacuum and then spray dried.	
Ingredient	% in Mixing Bowl	Country of Origin
Buttermilk Powder	100	Made in the UK using British milk
<b>Ingredient Declaration</b>		
Ingredients: <b>Buttermilk</b> Powder		
Pack Size(s) - Bulk	Product Code	Pack Size
	5651125	25kg

#### Photograph

Typical Example of Raw Material



#### Shelf Life & Storage Conditions

Maximum Shelf at Packing	540	Days
Minimum Life on Receipt (MLOR)	90	Days
Storage Temperature on Delivery	Ambient	
Storage Instructions	Store in a cool dry place out of direct sunlight	
Shelf life once opened	3 weeks in a sealed container	

#### Microbiological Standards

Test	Target	Acceptable	Reject
TVC	<10,000 cfu/g	10,000 cfu/g	>10,000 cfu/g
Enterobacteriaceae	<10 cfu/g	10 cfu/g	>10 cfu/g
Staphylococcus aureus	<10 cfu/g	10 cfu/g	>10 cfu/g
E. Coli	<10 cfu/g	10 cfu/g	>10 cfu/g
Yeasts & Moulds	<100 cfu/g	100 cfu/g	>100 cfu/g
Salmonella	Not Detected in 25g	Not Detected in 25g	Detected in 25g
Listeria monocytogenes	Not Detected in 25g	Not Detected in 25g	Detected in 25g

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#### Chemical Standards

Test	Target	Acceptable	Reject
Moisture	<4%	4%	>4%
Fat	<6%	6%	>6%
Protein	34.5%	34.5%	>34.5%
Titrateable Acidity	<0.17%	0.17	>0.17
Solubility Index	<1.25ml	1.25ml	>1.25ml
Scorched Particles	Disc A or B	Disc C or D	>Disc C or D
Phosphatase	<100/ Mu/l	100/ Mu/l	>100/ Mu/l

#### Sensory Details

Appearance	Pale cream free flowing powder
Aroma	Clean, typical of buttermilk powder with no objectionable or off odours
Taste	Clean, typical of buttermilk powder with no objectionable or off odours
Texture	Free following particles

#### Physical Standards

Parameter	Target	Acceptable	Reject
Foreign Material	Absent	Absent	Present

#### Bulk Packaging

	Primary	Secondary
Material	2 Ply + Liner Bulk Bag (LDPE + Kraft paper)	Not applicable
Closure Method	Stitched and/or glued	Not applicable

#### Nutritional Information

Parameter	Per 100g
Energy (kJ)	1584
Energy (Kcal)	373
Protein (g)	31
Available Carbohydrates (g)	51
Of Which Sugars (g)	51
Fat (g)	5.1
Of Which Saturates (g)	3.2
Salt (g)	0
Fibre (g)	0

Source: Supplier Specification (McCance and Widowson's The Composition of Foods)

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**Product Specification**

Allergens				
Component (and products thereof)	Contains (Bulk)	Contains (Repack)	Handled at Shepcote	Comments
Cereals containing gluten	N	n/a	<input checked="" type="checkbox"/>	
Crustaceans	N	n/a	<input type="checkbox"/>	
Eggs	N	n/a	<input checked="" type="checkbox"/>	
Fish	N	n/a	<input type="checkbox"/>	
Peanuts	N	n/a	<input checked="" type="checkbox"/>	
Soybeans	N	n/a	<input checked="" type="checkbox"/>	
Milk	Y	n/a	<input checked="" type="checkbox"/>	Product is Buttermilk
Nuts	N	n/a	<input checked="" type="checkbox"/>	
Celery	N	n/a	<input checked="" type="checkbox"/>	
Mustard	N	n/a	<input checked="" type="checkbox"/>	
Sesame	N	n/a	<input checked="" type="checkbox"/>	
Sulphur Dioxide >10 mg/kg	N	n/a	<input checked="" type="checkbox"/>	
Lupin	N	n/a	<input type="checkbox"/>	
Molluscs	N	n/a	<input type="checkbox"/>	

Y = Contains, N = Does Not Contain, MC = May Contain

Suitable for		
Group	Bulk	Repacked
Vegetarian	Yes	n/a
Vegan	No	n/a
Kosher (Certified)	Yes	n/a
Halal (Certified)	Yes	n/a

Other Intolerances and/or Food Groups			
Component	Contains		Comments
	Yes	No	
Genetically Modified Organisms (GMO)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Irradiated Materials	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Hydrogenated Fat/Oil	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Palm Oil	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Maize or Maize Derivatives	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Vegetable & Vegetable Derivatives	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Yeast & Yeast Derivatives	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Seeds, Seed Oil & Seed Derivatives	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Fruit & Fruit Derivatives	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Flavouring, Colours or Preservatives	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Beef, Pork, Lamb, Poultry & Derivatives	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Gelatine	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Other Animal Derivatives	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Product is derived from cow's milk
Added Sugar	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Added Salt	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

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#### Other Intolerances and/or Food Groups

Component	Contains		Comments
	Yes	No	
Mono Sodium Glutamate (MSG)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Artificial Colours Including Azo Dyes	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
BHA/BHT	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Kiwi	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Cinnamon	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Cocoa	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Coriander	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

Signed for and on behalf of			
Name	Position	Signature	Date

Please sign and return a copy of this specification within two weeks of receipt. Failure to do so will be deemed as customer acceptance

Signed for and on behalf of Shepcote Distributors Ltd			
Name	Position	Signature	Date
Jurate Junduliene	Quality Manager		12.07.23