

# Glucerna Advance 1.6 kcal

## 1.6 kcal/ml high energy, high protein liquid with sweeteners

### PRESENTATION

- Presented in 220 ml (355 kcal) bottles.
- Glucerna Advance 1.6 kcal is available in vanilla, strawberry and coffee flavour.

### USES

Food for Special Medical Purposes, for use under medical supervision. This product is suitable as a sole or supplemental source of nutrition for patients who are unable to eat sufficient quantities of everyday food and drink to meet their nutritional requirements.

Nutritionally complete for vitamins and minerals in 1154 ml excluding electrolytes (calculated using the UK Reference Nutrient Intake for men aged 19-50 years). EFSA Dietary Reference Values are available on request.

### INDICATIONS/ COMMUNITY USE

For the dietary management of patients with diabetes or abnormal glucose metabolism with, or at risk of developing, disease-related malnutrition. For oral use or tube feeding.

Recommended intake: 1-2 bottles/day as a supplement. Follow medical recommendations when used as a sole source of nutrition.

Available on the GMS (General Medical Services) Scheme. No HSE Online Application Approval required.

### STORAGE

- Store unopened at room temperature.
- Ready for use. Open immediately prior to use.
- Shake well before use.
- Once opened, unused product should be covered and stored in a refrigerator.
- Unused contents should be discarded after 24 hours.

### DIRECTIONS FOR USE

- Ready for use.
- Administer at room temperature for tube feeding.
- Once opened, unused product should be resealed and stored in a refrigerator. Unused contents should be discarded after 24 hours.
- The volume/flow rate should be adjusted to meet the patient's nutritional needs and tolerance. This product has a low viscosity and will pass down a fine nasogastric tube.
- A Flexitainer enteral nutrition container may be used if decanting is necessary.
- For gravity feeding, the use of a Flexiflo gravity gavage set is recommended.
- An Abbott enteral feeding pump may be used in conjunction with the Abbott enteral feeding system where a more accurately controlled delivery of feed is indicated. An ambulatory system is available.
- The bottle will attach to all Abbott giving sets.

### PRECAUTIONS

- In patients receiving some medications there may be a risk of drug nutrient interactions (e.g. warfarin and vitamin K). Careful prescribing and monitoring practices will serve to reduce the risk (please refer to pharmacist).
- Patients should not make any additions to the feed without consulting their pharmacist or dietitian.
- Many nutritional products contain sugars. It is important for patients who are taking supplements as sip feeds to observe good oral hygiene. It is suggested that patients consult with their dentist for further advice.
- Not intended for use in children unless recommended by a doctor or other qualified healthcare professional.

### CONTRA-INDICATIONS

- Not for use in galactosaemia.
- NOT FOR PARENTERAL USE.
- Do not use in children under 1 year of age.
- Suitable for people with diabetes provided that routine glucose checks are performed.

### INGREDIENTS

Water, vegetable oils (canola, high oleic sunflower), **milk** proteins, isomaltulose\*, maltodextrin, **soy** protein isolate, FOS\*\*, sucromalt\*, glycerine, minerals (potassium citrate, magnesium chloride, sodium citrate, calcium phosphate tribasic, potassium chloride, calcium carbonate, ferrous sulphate, zinc sulphate, manganese sulphate, cupric sulphate, sodium molybdate, chromium chloride, sodium selenate, potassium iodide), L-lysine, flavourings, CaHMB\*\*\*, L-arginine, emulsifier: **soy** lecithin, **oat** fibre, **soy** polysaccharide, myo-inositol, choline chloride, vitamins (C, niacinamide, calcium pantothenate, E, B<sub>6</sub>, B<sub>1</sub>, B<sub>2</sub>, vitamin A palmitate, folic acid, biotin, K<sub>1</sub>, D<sub>3</sub>, B<sub>12</sub>), taurine, L-carnitine, stabiliser: E418, sweeteners (E950, E955).

### GENERAL INFORMATION

Energy density 1.6 kcal/ml

Energy distribution:

Protein	20.61%
Carbohydrate	30.41%
of which polyols	1.79%
Fat	46.15%
Fibre	2.35%
HMB	0.48%

Renal solute load 612 mOsm/L

Osmolarity 704 mOsm/L

Osmolality 945 mOsm/kg H<sub>2</sub>O

Gluten free? ✓

Clinically lactose free? ✓<sup>1</sup>

Milk free? ✗

Suitable for vegetarians? ✓<sup>2,3</sup>

Suitable for Halal diets? ✓

Suitable for Kosher diets? ✓<sup>2</sup> Except strawberry flavour

For suitability for other diets and free-from information, please contact the Freephone Nutrition Helpline on 1800 411 411.

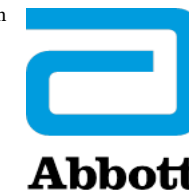
1. Maximum lactose content: 230 mg/L
2. Strawberry flavour contains E120 (cochineal) which some people may consider to be a meat product.
3. Vitamin D is synthesised from cholesterol, extracted from the grease in wool sheared from live sheep.

\*Isomaltulose and sucromalt are sources of glucose and fructose.

\*\*Fructo-oligosaccharides.

\*\*\*Calcium β-hydroxy-β-methylbutyrate monohydrate

Date of preparation: March 2023



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### NUTRITION INFORMATION

	units	per 100 ml	per 220 ml
<b>Energy</b>	kJ	675	1484
	kcal	161	355
<b>Fat</b>	g	8.28	18.22
- of which saturates	g	0.70	1.5
<b>Carbohydrate</b>	g	12.75	28.05
- of which sugars	g	6.70	14.74
- of which polyols	g	1.20	2.64
<b>Fibre</b>	g	1.9	4.2
- of which FOS*	g	1.0	2.2
<b>Protein (nitrogen)</b>	g	8.32 (1.33)	18.30 (2.93)
- of which arginine	g	0.61	1.3
- of which lysine	g	0.99	2.2
<b>Salt</b>	g	0.35	0.77
<b>CaHMB**</b>	g	0.35	0.77
<b>HMB***</b>	g	0.26	0.57
<b>Vitamins</b>			
Vitamin A (RE)	µg	144	317
Vitamin D <sub>3</sub>	µg (IU)	3.2 (128)	7.0 (282)
Vitamin E (α TE)	mg	3.0	6.6
Vitamin K <sub>1</sub>	µg	12	26
Vitamin C	mg	13	29
Folic acid	µg	40	88
Thiamin (vitamin B <sub>1</sub> )	mg	0.26	0.57
Riboflavin (vitamin B <sub>2</sub> )	mg	0.34	0.75
Vitamin B <sub>6</sub>	mg	0.39	0.86
Vitamin B <sub>12</sub>	µg	0.50	1.1
Niacin (NE)	mg	3.0	6.6
Pantothenic acid	mg	1.2	2.6
Biotin	µg	7.2	16

### Minerals and other nutrients

Sodium	mg (mmol)	140 (6.09)	308 (13.4)
Potassium	mg (mmol)	165 (4.22)	363 (9.28)
Chloride	mg (mmol)	123 (3.47)	271 (7.63)
Calcium	mg (mmol)	123 (3.07)	271 (6.75)
Phosphorus (phosphate)	mg (mmol)	88 (2.84)	194 (6.25)
Magnesium	mg (mmol)	26 (1.07)	57 (2.35)
Iron	mg	1.2	2.6
Zinc	mg	1.7	3.7
Manganese	mg	0.44	0.97
Copper	mg	0.11	0.23
Iodine	µg	15	33
Selenium	µg	9.5	21
Chromium	µg	8.4	19
Molybdenum	µg	16	35
Taurine	mg	15	33
Carnitine	mg	12	26
Inositol	mg	85	187
Choline	mg	60	132
Water	g	74.7	164.3

### PROTEIN & AMINO ACIDS

	g/100 g protein	g/100 ml	g/ 220 ml
<b>Protein source</b>			
Calcium caseinate	4.61	0.38	0.84
Sodium caseinate	69.19	5.76	12.66
Soy protein isolate	18.45	1.54	3.38
L-arginine	3.06	0.25	0.56
L-lysine	4.69	0.39	0.86
<b>Amino acids</b>			
<b>- Essential</b>			
Histidine	2.69	0.22	0.49
Isoleucine	5.00	0.42	0.92
Leucine	8.71	0.72	1.59
Lysine	11.86	0.99	2.17
Methionine	2.45	0.20	0.45
Phenylalanine	4.87	0.41	0.89
Threonine	3.97	0.33	0.73
Tryptophan	1.06	0.09	0.19
Valine	6.12	0.51	1.12
<b>- Non-essential and conditionally essential</b>			
Alanine	3.05	0.25	0.56
Arginine	7.27	0.60	1.33
Aspartic acid	3.17	0.26	0.58
Cystine	0.65	0.05	0.12
Glutamic acid	10.69	0.89	1.96
Glycine	2.18	0.18	0.40
Proline	8.87	0.74	1.62
Serine	5.42	0.45	0.99
Tyrosine	4.98	0.41	0.91
Asparagine	4.29	0.36	0.79
Glutamine	9.29	0.77	1.70
Non-protein calorie: N	96: 1		

### CARBOHYDRATES

	% total carbohydrates	g/100 ml	g/ 220 ml
<b>Carbohydrate source</b>			
Isomaltulose*	55.63	7.09	15.6
Maltodextrin	33.08	4.22	9.28
Sucromalt*	10.24	1.31	2.87
Oligofructose (fructooligosaccharides)	0.98	0.12	0.27
Oat fibre	0.06	0.01	0.02
Soy fibre	0.01	trace	trace

\*Isomaltulose and sucromalt are sources of glucose and fructose

\*Fructo-oligosaccharides.

\*\*Calcium β-hydroxy-β-methylbutyrate monohydrate

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### FIBRE

	% total fibre	g/100 ml	g/220 ml
<b>Fibre source</b>			
Oligofructose (fructooligosaccharides)	53.12	1.01	2.23
Maltodextrin	34.63	0.66	0.45
Oat fibre	7.19	0.14	0.30
Soy fibre	5.06	0.10	0.21

### FAT & FATTY ACIDS

	% total fatty acids	g/100 ml	g/ 220 ml	
<b>Fat source</b>				
Canola oil	67.25	5.57	12.25	
High oleic sunflower oil	30.88	2.56	5.63	
Lecithin	1.87	0.15	0.34	
<b>Fatty acids</b>		g/100 g fat	g/100 ml	g/220 ml
<b>- Essential</b>				
Linoleic acid	C18:2	16.18	1.35	2.91
Linolenic acid	C18:3	5.53	0.49	1.06
<b>- Monounsaturated</b>				
Palmitoleic acid	C16:1	0.13	0.01	0.02
Oleic acid	C18:1	64.74	5.43	11.70
Gadoleic acid	C20:1	1.07	0.09	0.19
Erucic acid	C22:1	0.49	0.04	0.09
<b>- Saturated</b>				
Caproic acid	C6:0	-	-	-
Caprylic acid	C8:0	-	-	-
Capric acid	C10:0	-	-	-
Lauric acid	C12:0	0.03	trace	0.01
Myristic acid	C14:0	-	-	-
Palmitic acid	C16:0	4.45	0.37	0.79
Margaric acid	C17:0	-	-	-
Stearic acid	C18:0	2.13	0.18	0.39
Arachidic acid	C20:0	0.49	0.04	0.09
Behenic acid	C22:0	0.49	0.04	0.09
Tricosanoic acid	C23:0	-	-	-
Lignoceric acid	C24:0	0.22	0.02	0.04
Linolelaidic acid	C18:2	0.15	0.01	0.03
P/S ratio	2.86			
n6 : n3	2.8:1			

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