

# MODULEN® IBD

## DESCRIPTION

MODULEN® IBD is a whole protein powdered formulation for use as a sole source of nutrition during the active phase of Crohn's disease and for nutritional support during the remission phase. It is 100% casein based and provides 25% of the fat as MCT. MODULEN® IBD is a nutritionally complete, Food for Special Medical Purposes for the dietary management of Crohn's disease.

## PRESENTATION

400g resealable tin (with a 8.3g scoop); 12 x 400g tins per case.

## INDICATIONS

ACBS approved, prescribable on FP10 (GP10 in Scotland). Indicated for use as a sole source of nutrition during the active phase of Crohn's disease or nutritional support during the remission phase in malnourished patients.

## INGREDIENTS

Glucose syrup, milk protein, sucrose, milk fat, MCT oil, minerals (magnesium chloride, calcium phosphate, sodium citrate, potassium citrate, potassium hydroxide, calcium carbonate, potassium chloride, manganese sulphate, ferrous sulphate, zinc sulphate, copper sulphate, sodium molybdate, chromium chloride, potassium iodide, sodium selenate), corn oil, emulsifier (soy lecithin), vitamins (C, E, niacin, pantothenic acid, B<sub>6</sub>, thiamin, A, riboflavin, folic acid, K, biotin, D, B<sub>12</sub>), choline bitartrate.

## ADMINISTRATION AND DOSAGE

One 400g MODULEN® IBD tin provides 2000 kcal. The dosage of MODULEN® IBD is dependent on the age, weight and clinical condition of the patient. The recommended feed concentration is 1 kcal/ml (20%). As a guide, MODULEN® IBD can also be concentrated to provide 1.25 kcal/ml (25% concentration) or 1.5 kcal/ml (30% concentration) but additional fluid should be advised.

## SHELF LIFE AND STORAGE

Shelf life of 24 months from date of manufacture when stored at room temperature. Consume the contents within 4 weeks of opening. Once reconstituted, use within 6 hours at room temperature or 24 hours if refrigerated.

## CONTRAINDICATIONS

Not suitable for use in cows' milk protein allergy.

## PRECAUTIONS

For oral or enteral feeding only. Only suitable for those over 5 years. Do not mix with other medication.



For healthcare professional use only



# PREPARATION INSTRUCTIONS

1. Wash hands thoroughly. Follow the mixing table and select the volume required.
2. Measure cool boiled or bottled water (room temperature) and pour into a clean bowl or container.
3. Scoop and level the desired amount of powder using the scoop in the tin or weigh in grams.
4. Add the powder to the water and immediately stir until well mixed.
5. After use, store the scoop inside the can.

**TABLE 1: MIXING GUIDELINES FOR 1.0 KCAL/ML**

Volume of water (ml)	Water needed (ml)	Scoops
250	210	6 (50g)
500	420	12 (100g)
1000	840	24 (200g)
2000	1,680	48 (400g or 1 can)

**TABLE 2: MIXING GUIDELINES FOR 1.25 KCAL/ML**

Volume of water (ml)	Water needed (ml)	Scoops
250	200	7.5 (62g)
500	400	15 (124g)
1000	800	30 (250g)
2000	1,600	60 (500g)

**TABLE 3: MIXING GUIDELINES FOR 1.50 KCAL/ML**

Volume of water (ml)	Water needed (ml)	Scoops
250	190	9 (75g)
500	380	18 (150g)
1000	760	36 (300g)
2000	1,520	72 (600g)

MODULEN IBD® product information continued overleaf.

# NUTRITION INFORMATION

Typical values	100 g	Per 100 ml at 1.0 kcal/ml	Per 100ml at 1.25 kcal/ml	Per 100ml at 1.5 kcal/ml
Energy kJ	2066	413	517	620
Energy kcal	493	99	123	148
Fat (42% kcal) g	23	4.6	10.4	6.9
of which saturates g	13	2.6	3.3	3.9
of which MCT g	6.0	1.2	1.5	1.8
of which monounsaturates g	3.9	0.78	0.98	1.17
of which polyunsaturates g	2.5	0.50	0.63	0.75
- α-linolenic acid mg	200	40	50	60
- linoleic acid mg	2100	420	525	630
Carbohydrate (44% kcal) g	54	11	14	16
of which sugars g	21	4.2	5.3	6.3
of which lactose g	<0.5			
Protein (14% kcal) g	17.5	3.5	4.4	5.3
Salt (=Na(g)x 2.5)	0.42	0.084	0.105	0.126
<b>Minerals</b>				
Sodium mg	170	34	43	51
Sodium mmol	7.4	1.5	1.9	2.2
Potassium mg	600	120	150	180
Potassium mmol	15	3.0	3.8	4.5
Chloride mg	365	73	91	110
Chloride mmol	10	2.0	2.5	3.0
Calcium mg	445	89	111	134
Calcium mmol	11	2.2	2.8	3.3
Phosphorus mg	300	60	75	90
Phosphate mmol	9.7	1.9	2.4	2.9
Magnesium mg	100	20	25	30
Magnesium mmol	4.2	0.83	1.04	1.25
Iron mg	5.4	1.1	1.2	1.6
Zinc mg	4.7	0.94	0.12	1.41
Copper mg	0.49	0.098	0.123	0.147
Manganese mg	0.98	0.20	0.25	0.29
Fluoride mg	<0.10			
Selenium µg	17	3.4	4.3	5.1
Chromium µg	25	5.0	6.3	7.5
Molybdenum µg	37	7.4	9.3	11.1
Iodine µg	49	9.8	12.3	14.7
<b>Vitamins</b>				
A µg	410	82	103	123
D µg	4.9	0.98	1.23	1.47
D IU	200	40	50	60
E mg	6.5	1.3	1.6	2.0
K µg	27	5.4	6.8	8.1
C mg	47	9.4	11.8	14.1
Thiamin mg	0.59	0.12	0.15	0.18
Riboflavin mg	0.64	0.13	0.16	0.19
Niacin mg	5.8	1.2	1.5	1.7
Niacin mg NE	9.8	2.0	2.5	2.9
B6 mg	0.83	0.17	0.21	0.25
Folic acid µg	120	24	30	36
B12 µg	1.6	0.32	0.40	0.48
Biotin µg	16	3.2	4.0	4.8
Pantothenic acid mg	2.4	0.48	0.60	0.72
<b>Other Nutrients</b>				
Choline mg	35	7.0	8.8	10.5
Osmolarity mOsm/l	290	290		
Osmolality mOsm/kg	340	340		

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NE = Niacin Equivalent