

# NUTRISON ENERGY

A nutritionally complete, high energy, fibre free, ready-to-use enteral tube feed.

## FEATURES

- **Suitable as a sole source of nutrition<sup>^</sup>**
- **Whey-dominant P4 protein blend:** in line with international recommendations on protein quality/ amino acid profile and for gastro-intestinal tolerance benefits.<sup>1-7</sup>
- **No Added Fibre:** for patients requiring residue-restricted diets.
- **Fish oils:** to provide Docosahexaenoic acid (DHA) and Eicosapentaenoic acid (EPA).
- **Medium chain triglycerides (MCT):** for easier fat digestion and absorption.<sup>8-9</sup>
- **Enriched with carotenoids:** in line with general health recommendations for their antioxidant properties and positive effect on immune function.<sup>10</sup>
- **1000ml ready-to-hang pack and 500ml plastic bottle formats:** provides flexibility for different feeding methods e.g. closed-system pump delivery, syringe bolus.

## Indications

For the dietary management of:

- Disease-related malnutrition.
- Patients with high energy and protein requirements.
- Patients requiring a residue-restricted diet.

## Important Notice

- Not for parenteral use.
- Not suitable for patients with galactosaemia.
- Not suitable for patients with cow's milk protein allergy.
- Not suitable for infants under 1 year of age.
- Use with caution in children aged 1-6 years of age.
- Use with caution in individuals with a seafood allergy.
- Must be used under medical supervision.

## Directions for Use

- Check appearance before use and shake well.
- Do not dilute or add medications to the formula.
- Use at room temperature.
- Handle aseptically to ensure product remains sterile.
- Usage to be determined by a healthcare professional.

## Storage

- Store in a cool, dry place.
- Once opened, close the bottle and store in a refrigerator.
- Discard unused contents after 24 hours.

## Ordering Information

To order contact Nutricia Customer Experience **1800 889 480**.

| Nutrison Energy      | Product code | Units per carton |
|----------------------|--------------|------------------|
| 500ml plastic bottle | 78910        | 12               |
| 1000ml OpTri bottle  | 132199       | 8                |

## Ingredients

**Nutrison Energy:** water, maltodextrin, vegetable oils (sunflower oil, rapeseed oil, MCT oil (coconut oil, palm kernel oil)), whey protein (from cow's milk), cow's milk protein caseinate, pea protein, soy protein, emulsifier (soy lecithin), magnesium hydrogen phosphate, potassium citrate, sodium citrate, calcium carbonate, fish oil, potassium chloride, potassium hydroxide, tri calcium phosphate, carotenoids (contains soy)(β-carotene, lutein, lycopene oleoresin from tomatoes), choline chloride, sodium chloride, sodium L-ascorbate, ferrous lactate, zinc sulphate, nicotinamide, DL-α tocopheryl acetate, retinyl acetate, copper gluconate, manganese sulphate, sodium selenite, calcium D-pantothenate, chromium chloride, D-biotin, cholecalciferol, thiamin hydrochloride, pteroylmonoglutamic acid, pyridoxine hydrochloride, riboflavin, potassium iodide, sodium fluoride, sodium molybdate, phytomenadione, cyanocobalamin.

## Allergen & Cultural Information

- Contains: **milk, soy** and **fish**.
- Halal certified.
- Nutricia UK and/or Ireland have Kosher approval for this product.
- No gluten containing ingredients. No detectable gluten when tested to a sensitivity level of less than 5 parts per million (<5 ppm i.e. <5mg/kg)
- Low lactose (lactose <2g/100g).



# NUTRISON ENERGY

| NUTRITION INFORMATION |      | Per 100ml    | Per 1000ml |
|-----------------------|------|--------------|------------|
| Energy                | kcal | 150          | 1500       |
|                       | kJ   | 630          | 6300       |
| Protein               | g    | 6 (16% E)    | 60         |
| - Casein              | g    | 1.5          | 15         |
| - Whey                | g    | 2.1          | 21         |
| - Soy                 | g    | 1.2          | 12         |
| - Pea                 | g    | 1.2          | 12         |
| Carbohydrate          | g    | 18.3 (49% E) | 183        |
| - Sugars              | g    | 1.1          | 11         |
| - as Lactose          | g    | <0.025       | <0.25      |
| Fat                   | g    | 5.8 (35% E)  | 58         |
| - Saturates           | g    | 1.5          | 15         |
| - of which MCT        | g    | 0.9          | 9          |
| - Monounsaturates     | g    | 3.3          | 33         |
| - Polyunsaturates     | g    | 1.1          | 11         |
| - DHA                 | mg   | 13.7         | 137        |
| - EPA                 | mg   | 20           | 200        |
| - ω6:ω3               |      | 3.1:1        | 3.1:1      |
| Fibre                 | g    | <0.1         | <1         |
| Water                 | ml   | 78           | 780        |
| Minerals              |      | Per 100ml    | Per 1000ml |
| Sodium                | mg   | 134          | 1340       |
|                       | mmol | 5.8          | 58         |
| Potassium             | mg   | 201          | 2010       |
|                       | mmol | 5.1          | 51         |
| Calcium               | mg   | 108          | 1080       |
| Phosphorus            | mg   | 108          | 1080       |
| Magnesium             | mg   | 34           | 340        |
| Chloride              | mg   | 100          | 1000       |
| Ca:P ratio            |      | 1:1          | 1:1        |

| Vitamins                |                            | Per 100ml | Per 1000ml |
|-------------------------|----------------------------|-----------|------------|
| Vitamin A               | µg                         | 123       | 1230       |
| Vitamin D               | µg                         | 1.5       | 15         |
| Vitamin E               | mg α-TE                    | 1.9       | 19         |
| Vitamin K               | µg                         | 8         | 80         |
| Vitamin C               | mg                         | 15        | 150        |
| Thiamin                 | mg                         | 0.23      | 2.3        |
| Riboflavin              | mg                         | 0.24      | 2.4        |
| Niacin                  | mg NE                      | 2.7       | 27         |
| Vitamin B <sub>6</sub>  | mg                         | 0.26      | 2.6        |
| Vitamin B <sub>12</sub> | µg                         | 0.32      | 3.2        |
| Folic Acid              | µg                         | 40        | 400        |
| Pantothenic Acid        | mg                         | 0.8       | 8          |
| Biotin                  | µg                         | 6         | 60         |
| Trace Elements          |                            | Per 100ml | Per 1000ml |
| Iron                    | mg                         | 2.4       | 24         |
| Zinc                    | mg                         | 1.8       | 18         |
| Manganese               | mg                         | 0.5       | 5          |
| Copper                  | µg                         | 270       | 2700       |
| Iodine                  | µg                         | 20        | 200        |
| Molybdenum              | µg                         | 15        | 150        |
| Selenium                | µg                         | 8.6       | 86         |
| Chromium                | µg                         | 10        | 100        |
| Fluoride                | mg                         | 0.15      | 1.5        |
| Other                   |                            | Per 100ml | Per 1000ml |
| Carotenoids             | mg                         | 0.3       | 3          |
| Choline                 | mg                         | 55        | 550        |
| Osmolality              | mOsmol/kg H <sub>2</sub> O | 460       | 460        |

**Food for special medical purposes  
for use under medical supervision.**

For more information call the  
**Nutricia Clinical Care Line 1800 060 051**

<sup>^</sup>In accordance with Australia New Zealand Food Standards Code – Standard 2.9.5

**REFERENCES** 1. World Health Organization. Protein and amino acid requirements in human nutrition: report of a joint FAO/WHO/UNU expert consultation. 2007; WHO technical report series ; no. 935. 2. Kuyumcu S, Menne D, Curcic J, et al. Noncoagulating enteral formula can empty faster from the stomach: A double-blind, randomized crossover trial using magnetic resonance imaging. *Journal of Parenteral and Enteral Nutrition*. 2015;39:544-551. 3. van den Braak CG, Klebach M, Abrahamse E, et al. A novel protein mixture containing vegetable proteins renders enteral nutrition products non-coagulating after in vitro gastric digestion. *Clinical Nutrition*. 2013;32:765-771. 4. Klebach M, Hofman Z, Bluemel S, et al. Effect of protein type in enteral nutrition formulas on coagulation in the stomach in vivo: Post hoc analyses of a randomized controlled trial with MRI. Abstract presented at Clinical Nutrition Week, January 16-19; Austin, Tx. *Journal of Parenteral and Enteral Nutrition*. 2016;40:134(21). 5. Luttkhold J, van Norren K, Rijna H, et al. Jejunal feeding is followed by a greater rise in plasma cholecystokinin, peptide YY, glucagon-like peptide 1, and glucagon-like peptide 2 concentrations compared with gastric feeding in vivo in humans: a randomized trial. *Am J Clin Nutr*. 2016;103:435-43. 6. Abrahamse E, van der Lee S, van den Braak S, et al. Gastric non-coagulation of enteral tube feed yields faster gastric emptying of protein in a dynamic in vitro model. Abstract presented at 34th ESPEN Congress. Sept 8-11; Barcelona, Spain. *Clinical Nutrition Supplements*. 2012;7:PP239(119). 7. Liu J, Klebach M, Abrahamse E, et al. Specific protein mixture reduces coagulation: An in vitro stomach model study mimicking a gastric condition in critically ill patients. Poster presented at 38th ESPEN Congress. 17-20 September; Copenhagen, Denmark. *Clinical Nutrition*. 2016;35:MON-P182 (S220). 8. Beckers EJ, Jeukendrup AE, et al. Gastric emptying of carbohydrate--medium chain triglyceride suspensions at rest. *Int J Sports Med*. 1992 Nov;13(8):581-4. 9. Hunt JN, Knox MT. A relation between the chain length of fatty acids and the slowing of gastric emptying. *J Physiol*. 1968 Feb;194(2):327-36. 10. Cooper DA, Eldridge AL, Peters JC. Dietary carotenoids and certain cancers, heart disease and age-related macular degeneration: A review of recent research. *Nutrition Reviews* 1999; 57: 201-214.

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LIFE-TRANSFORMING NUTRITION

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