

BP-5 Compact Food

Product description

BP-5 Compact Food is a ready-to-eat food of high nutritional value. The optimal logistical properties secure an easy, safe and efficient transportation, distribution, usage and storage under extreme conditions.

As a compressed food, BP-5 contains the highest possible ratio of balanced nutrition compared to volume.

- ➔ A 20' container holds 36,000 units of BP-5 representing a minimum level of nutrient supply for 10,000 adults for one week.

HOW TO EAT:

BP-5 Compact Food can be eaten as a bar straight from the package, or crumbled into water and eaten as porridge. To make porridge use 2 dl of boiled lukewarm drinking water per food bar. If eaten dry, make sure drinking water is available.

DISTRIBUTION:

If no other food is available, below table could be used as an approximate guideline for distribution*.

Age	Bars/day	Kcal/day	Bars/week
½ – 1	3	768	21
2 – 3	4	1016	28
4 – 6	5	1270	35
7 – 8	6	1524	42
Adult (f)	8	2032	56
Adult (m)	9	2290	63

- * Based on approx. 100% energy requirement and a RDA of vitamins and minerals from BP-5.

UTILISATION:

BP-5 Compact Food should be used particularly in the following situations:

For usage in the first phase of **disaster relief** operations during natural- or man-made disasters, before local foods can be distributed and prepared.

BP-5 has successfully been **air dropped** from different altitudes at many occasions, also without parachute. Drops made from 600 feet without parachute show no significant damage to the product.

Humanitarian organisations and governmental agencies around the world have built up **disaster preparedness Stores**.

To be used as a supplement to local food in **feeding programmes** for treatment of moderate malnourished people. Even small amounts of BP-5 would have profound effect on the health status of malnourished people.

LIMITATIONS:

It is not recommended to use BP-5:

- ➔ In the first two weeks treatment of severely malnourished people if better alternatives are available.
- ➔ For children below 6 months, as the product is based on wheat flour.

For children below 2 years of age, it should preferably be given as porridge.

NUTRITIONAL PROPERTIES

- ➔ High levels of energy easily digested and utilised.
- ➔ A combination of protein sources, which give a high and balanced content of essential amino acids.
- ➔ Low protein content to prevent use of protein as an energy source.
- ➔ All essential vitamins and minerals balanced to give a high nutritional utilisation.
- ➔ The contents of anti-nutritional factors are low due to carefully selected raw materials. This secures the absorption of essential micronutrients and allergic reactions.

FOOD SECURITY:

- ➔ No risk of microbiological growth due to a very low water activity in the product.
- ➔ No content of lactose or recognised allergens.
- ➔ It is an all vegetable product containing no ingredients of animal origin.
- ➔ Free from GMO materials.
- ➔ Acceptable to all creeds and cultures
- ➔ Sophisticated manufacturing process that is supervised by in house food technologists and nutritionists well equipped with both a research- and control laboratory.

LOGISTICAL PROPERTIES

The BP-5 unit is packed under high vacuum in an air- and watertight aluminium foil bag made of tri-ply laminate. A water-repellent cardboard box protects this bag. Twenty-four units are packed into a PE coated solid board carton, securing the food quality under the most extreme conditions during transport and storage (moisture, mechanical stress, heat, insects, and rodents).

BP-5 UNIT "BREAKDOWN"

	Food Tablet (s)	BP-5 Unit (s)	Carton (s)	Net Weight	Kcal
1 x Food tablet	1			27.8 g	127
1 x Food bar	2			55.6 g	254
1 x BP-5 Unit	18	1		500 g	2,290
1 x Carton	432	24	1	12 kg	
1 x Pallet		1,320	55	660 kg	