

## What is BP-ER™

BP-ER™ Emergency Food Ration is a shelf-stable, high-energy, ready-to-eat emergency food suited for disaster relief, emergency response and preparedness. It is suitable for both adults and children from 6 months or older. Its optimal logistical properties ensure easy and safe transport, storage, and distribution even under extreme conditions.

- Each BP-ER™ unit provides 2,410 kcal, meeting the daily energy requirement for one adult.

## How to eat

BP-ER™ can be eaten as a bar straight from the package or crumbled into water and eaten as porridge. If eaten dry, make sure drinking water is available. For children aged 6 months to 2 years, it should preferably be given as porridge.

To prepare porridge, use approximately 200 ml of boiled drinking water per food bar (two tablets). Allow the porridge to thicken for a few minutes before serving.

## Utilisation

BP-ER™ is particularly suitable for:

- The first phase of disaster relief operations following natural or man-made disasters, before local food can be prepared or distributed.
- Situations with water scarcity, as its low protein content reduces water requirements for digestion.
- Air-drop delivery from various altitudes, including drops from 600 feet without a parachute, causing no significant damage to the product.

Its long shelf life and compact packaging enable individuals and organisations to make long-term planning and establish preparedness stocks.

## Nutritional properties

- High energy content, easily digested and utilised.
- Low protein content, reducing water needs for digestion.
- Low levels of anti-nutritional factors due to carefully selected raw materials.
- No added vitamins or minerals.
- All-vegetable product containing no ingredients of animal origin.
- Halal and Kosher certified.

## Food safety

- Very low water activity prevents microbiological growth.
- Free from GMO ingredients.
- Manufactured in an FSSC 22000-certified facility specializing in low-moisture foods.

## Logistical properties

Each BP-ER™ unit is vacuum-packed in an air- and watertight aluminium foil laminate and further protected by a water-repellent cardboard box. Twenty-four units are packed into a strong corrugated board carton, ensuring that the food quality is maintained under extreme conditions during transport and storage.

## Limitations

- Not suitable for treatment of severe acute malnutrition.
- Not recommended for infants under 6 months (exclusive breastfeeding is recommended up to 6 months of age).
- Does not contain added vitamins or minerals; these must be provided separately if required.



## Ingredients

**Wheat flour**  
Vegetable fat (palm)  
Sugar  
Yeast

May contain traces of soy and milk.

## Nutritional values per 100 g

Energy	2018 kJ/482 kcal
Fat	17.7 g
- of which saturates	10.5 g
Carbohydrate	69.6 g
- of which sugars	16.9 g
Protein	9.7 g
Salt	<0.05 g

## Microbiological criteria

Total plate count	< 10,000 cfu/g
Yeast and mould count	< 1,000 cfu/g
Enterobacteriaceae	< 10 cfu/g
Salmonella	negative in 25 g

## Packaging

Each BP-ER™ unit (500 g net) contains 18 compressed food tablets of approximately 27.8 g, packed as 9 bars wrapped in greaseproof paper and sealed in a vacuum-packed aluminium foil laminate.

<b>Unit</b>	18 tablets packed in 9 bars 500 g net
<b>Carton</b>	24 units 12 kg net / 13.4 kg gross / 0.018 m <sup>3</sup>
<b>Pallet</b>	55 cartons per pallet 5 layers of 11 cartons each L x W x H = 120 x 80 x 125 cm Shrink-wrapped.
<b>20' container</b>	1,281 cartons

## Marking and packaging information

Manufacturing date, best before date and lot number.

Packaging information is printed in English, German, Spanish, French, and Norwegian.

## Shelf life

7 years when stored below 22 °C.

**Production Country** Norway  
**Country of Origin** Norway

## BP-ER™ Unit Breakdown

	Food Tablet (s)	BP-ER™ Unit (s)	Carton (s)	Net Weight	kcal
1 x Food tablet	1			27.8 g	134
1 x Food bar	2			55.6 g	268
1 x BP-ER™ Unit	18	1		500 g	2,410
1 x Carton	432	24	1	12 kg	
1 x Pallet		1,320	55	660 kg	
1 x 20' container		30,744	1,281	15,372 kg	