

# BP-100

## RUTF - Ready to use Therapeutic Food

### Product Description

#### What is BP-100:

1. a compressed (RUTF) food product for use in the rehabilitation & treatment phase of severely malnourished children and adults.
2. developed for use in feeding centres or direct to families as a take home ration
3. especially useful in contaminated environments and in cases where no therapeutic feeding facilities can be established.
4. easier to administer than the F-100 therapeutic milk, and is more hygienic and less labour demanding in use.
5. a RUTF with a shelf life of 4 years in an unopened package.

#### Nutritional Quality:

The formulation of BP-100 is based on the therapeutic WHO F-100 formula. Its nutritional specifications are similar to the F-100 milk, the only difference being that BP-100 contains iron (10mg per 100g).

All added mineral salts and vitamins comply with Codex Alimentarius CAC/GL 10. (ref.1)

#### Distribution\*:

Weight (kg)	BP-100	
	Bars per day	Bars per week
3,0-3,5	2	14
3,5-5,0	2,5	17,5
5-7	4	28
7-10	5	35
10-15	6	49
15-20	7	63
20-30	10	70
30-40	12	84
40-60	14	98

*\*Indications based on protocol for the management of severe acute malnutrition of Ethiopia- Federal Ministry of Health*

#### How to use BP-100:

BP-100 can be eaten as a biscuit directly from the pack, or crumbled into water and eaten as porridge. To make a porridge use 2 dl of boiled drinking water per "meal pack" consisting of two BP-100 tablets (2X28.4 g).

One bar (two tablets) of BP-100 contains 300 kcal or 1,254 kJ, which is comparable to 300 ml F-100 milk. For each bar of BP-100 consumed the drinking water intake should be at least 2,5 – 3 dl.

For children between 6 and 24 months of age BP-100 should preferably be given as porridge.

Always feed small, but many meals (6 meals per day in the initial phase of the rehabilitation) to avoid overloading of the intestine, liver or kidneys. Also secure that the total energy intake is not exceeding the recommended level to avoid heart failure. An average recommended energy intake would be 30 kcal per kg body weight per meal corresponding to 1 tablet of BP-100 per meal for a child of 5 kg. Avoid sudden change in the daily energy intake.

The intake of BP-100 should not be mixed in the same meal with local food items as the latter may contain components inhibiting the absorption of vitamins and minerals.

#### References:

1. WHO manual: Management of severe malnutrition, a manual for physicians and other senior health workers (WHO 1999).
2. BP-100 Data sheet

#### BP-100 UNIT "BREAKDOWN"

	Food Tablet (s)	BP-100 units (s)	Carton (s)	Net Weight	Kcal
1 X Food Tablet	1			28.4 g	150
1 x Food bar	2			56.8 g	300
1 x Unit	18	1		510 g	2688
1 x carton	432	24	1	12.24 kg	64512
1 x pallet		1320	55	673 kg	