


preventing malnutrition

moderate acute malnutrition

severe acute malnutrition

	ready-to-use	Nutributter® ✓	QBMix® -	Plumpy'Soy® ✓	Plumpy'Doz® ✓	Plumpy'Sup® ✓	Plumpy'Nut® ✓
packaging		20 g sachet (108 kcal)	75 g pot / 900 g pot	92 g sachet (500 kcal)	325 g pot (1 820 kcal)	92 g sachet (500 kcal)	92 g sachet (500 kcal)
product benefits		Supplementary food fortifier (RUSF/LNS*) Promotes growth and correct development in infants. (contains milk proteins)	Vitamin and mineral food supplement (LNS*) Prevents and treats nutritional deficiencies responsible for certain diseases (beri-beri, pellagra, scurvy...). Suitable for humanitarian emergency situations.	Food for adults at risk of malnutrition, in particular those living with HIV/AIDS (RUSF*) Enables macro- and micro-nutrient needs to be satisfied. Suitable for humanitarian emergency situations. (contains soy protein)	Nutritional supplement for growing children (RUSF/LNS*) Reduces the incidence of acute malnutrition during at-risk periods (hunger-gap periods, for example). Suitable for humanitarian emergency situations. (contains milk proteins)	Nutritional supplement (RUSF/LNS*) Treatment of moderate acute malnutrition. (contains soy protein)	High nutritional value Ready-to-use food (RUTF*) For nutritional rehabilitation in cases of severe acute malnutrition. (contains milk proteins)
target beneficiaries		Particularly suitable for children from 6 to 24 months old.	Suitable for all people from 1 year old.	Suitable for all people from 2 years old.	Particularly suitable for children from 6 to 36 months old.	Developed for children 6 months old and up, this product is also suitable for other groups of people suffering from moderate malnutrition (adolescents, pregnant women, nursing mothers, adults).	Suitable for all people from 6 months old.
		20 g/day per child for 4 to 6 months	1.5 g/day per person for 14 days	2 sachets/day will provide recommended daily allowance (RDA) of vitamins and minerals together with 1,000 kcal and 26g of proteins	1 pot/week per infant for around 6 months**	around 75 kcal/kg/day for 2 months, or 1 sachet/day for a child weighing 5 kg, 2 sachets/day for a child weighing 10 kg	1 to 2 sachets /day/person (MAM)
		Can be consumed as is or mixed in with the young child's usual food supplements.	To be used as a condiment added to a family meal after it is cooked.		1 pot/week per infant for around 6 months**	General distribution targeting children from 6 to 36 months (blanket feeding***).	Represents around 75 kcal/kg/day.
							2 to 3 sachets /day/person (SAM)
							Represents around 200 kcal/kg/day until target weight is reached (6 to 10 weeks).



ZinCfant® 20 mg

is a **dispersible, scored Zinc sulphate tablet**.

ZinCfant® is recommended in cases of **severe acute diarrhoea in young children**.

ZinCfant® **reduces the severity and the duration of diarrhoea episodes, replenishes the reserves of zinc in the body and prevents recurrence of diarrhoea** over a period of 3 months^{1,2,3}.

ZinCfant® is used in association with **WHO standard oral rehydration salts (ORS)**.

ZinCfant® is rapidly dispersible in a small quantity of water or breast milk, and is suitable for young children from 2 months old (see dosage below).

The use of zinc sulphate in cases of acute severe diarrhoea has been jointly recommended by UNICEF and the WHO since 2004². Since 2005, zinc sulphate has been included in the World Health Organisation's Model List of Essential Medicines.

1 tablet/day for 10 to 14 days
for children over 6 months of age (between 2 and 6 months, ½ tablet/day)

2 to 3 sachets /day/person (SAM)


Represents around 200 kcal/kg/day until target weight is reached (6 to 10 weeks).

¹ Systematic reviews of zinc intervention strategies, Food and Nutrition Bulletin, volume 30, Number 1, March 2009 (Kenneth H. Brown and Sonja Y. Hess, guest editors)

² WHO-UNICEF joint statement for the clinical management of acute diarrhoea / Déclaration commune OMS-UNICEF sur la prise en charge clinique de la diarrhée aiguë, 2004

³ Paediatric Zinc as Treatment of Diarrhoea, POUZN (USAID), and Qualitative Research for a Zinc Treatment Program in Nepal: Finding & Recommendations, POUZN (USAID), Oct. 2006

Nutriset products comply with the specifications in international protocols and manuals used in the field of treatment of malnutrition, particularly the WHO 1999 guide: 'Management of severe malnutrition: A manual for physicians and other senior health workers'.



Plumpy'Nut®


✓

92 g sachet (500 kcal)

High nutritional value Ready-to-use food (RUTF*)

For nutritional rehabilitation in cases of severe acute malnutrition.

[contains milk proteins]




F-75 milk

To be reconstituted: 1 sachet to 500 ml of drinking water

102,5 g sachet (75 kcal / 100ml)

Phase 1 milk as per the WHO protocol**

Stabilisation phase. Medical management. Aids in re-establishing the metabolism of children suffering from severe acute malnutrition.




F-100 milk

To be reconstituted: 1 sachet to 500 ml of drinking water

114 g sachet (100 kcal / 100ml)

Phase 2 milk as per the WHO protocol**

Nutritional rehabilitation of severe acute malnutrition phase.




ReSoMal

To be reconstituted: 1 sachet to 2 litres of drinking water

84 g sachet (2 litres of solution)

Oral rehydration solution

Intended for the treatment of dehydration. Exclusively used with people suffering from severe acute malnutrition.



Therapeutic CMV

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800 g tin

Vitamin and mineral complex

Designed to be used with other ingredients, in the reconstitution of therapeutic milks and oral rehydration solution for children suffering from severe acute malnutrition.

1 to 2 sachets /day/person (MAM)

2 to 3 sachets /day/person (SAM)

80 to 100 kcal /kg/day spread over 8 to 12 meals per day over 3 to 7 days

100 to 200 kcal /kg/day until the target weight is reached [around 3 to 4 weeks]

5 to 15 ml /kg/hour

to be used with Nutriset measuring scoops (follow instructions for use)

Reference document: "Management of severe malnutrition : A manual for physicians and other senior health workers", WHO protocol, 1999

For adults and children from 6 months old.

Most of the products featured in this document are covered by intellectual property rights.



Towards nutritional autonomy

nutriset

Photo : © International Medical Corps / Julie Pudowski

For Nutriset, nutritional autonomy is the ability of a state, a community or an individual to identify and procure, via sustainable systems, the nutrients needed by young children or other population groups at risk of malnutrition.

Since its creation in 1986, **Nutriset has invented and produced nutritional solutions** for the **treatment** and **prevention of malnutrition** adapted to the needs of the most vulnerable populations in the developing world. The heart of the mandate Nutriset set for itself has always been to make these products more **accessible** and more **available** to those in need.

In order to achieve this, **Nutriset has adopted a sustainable development approach**, manifested in a number of concrete commitments: the application of international standards and norms for quality assurance, respect for partners and employees, responsible and ethical commercial practices, priority given to innovation. This strategy, shared with the members of the PlumpyField network in developing countries, has led to the emergence of economically viable production capacities.

Dynamic research activity

In order to convert the nutritional recommendations made by scientific researchers into products adapted to the practices of humanitarian organisations or individual enterprises in developing countries, Nutriset invests heavily in R&D (6% of turnover in 2008). A number of partnerships are ongoing with reputed universities (in the United States, Finland, Denmark), research institutes (Institute of Health Science Research, Burkina Faso; College of Medicine, Malawi) and humanitarian organisations.

plumpyfield

with nutriset

zincfield

with nutriset

The PlumpyField network was set up in 2005 and now includes more than ten producers of ready-to-use nutritional products (in Niger, Ethiopia, Malawi, etc.). Nutriset has also launched ZincField for the production of ZinCfant® (zinc sulphate tablets). These partnerships enable technology for the development of high quality production to be shared with developing countries.

Access Strategy

Alongside the nutritional products destined for humanitarian programmes, Nutriset, in collaboration with its partners in the PlumpyField network, produces specific nutritional supplements for the prevention of malnutrition in children. Nutriset's approach is inspired by the principle of social marketing - using traditional marketing techniques in order to promote a social purpose and meet a public health need.

This strategy was first piloted in Niger with the product Grandibien® manufactured in partnership with the Niger company STA*. Other projects are being studied (Tanzania, Ethiopia, etc.).

*Field exchange, Emergency Nutrition Network, March 2009, issue 35, p27-28



feeding children