














Programme	Treating Moderate Acute Malnutrition (MAM)		
Product name	Ready-to-Use Supplementary Foods (RUSF) <sup>1</sup>	Fortified Blended Foods (FBF)	
Examples	E.g. eeZeeRUSF™, AchaMum, PlumpySup™ (not exhaustive)	Super Cereal Plus (SC+)	Super Cereal (SC) <sup>2</sup>
			
Primary target group	Children 6-59 months	Children 6-59 months	Children above 5 years <sup>3</sup> , Pregnant and Lactating Women (PLW), other nutritionally vulnerable groups <sup>4</sup>
Key Ingredients	Peanuts/chickpeas <sup>5</sup> , soy, milk powder, sugar, oil, vitamins and minerals (V&M)	Corn/wheat/rice <sup>5</sup> , soy, milk powder, sugar, oil, V&M	Corn/wheat/rice <sup>5</sup> , soy, V&M (with/without sugar)
Daily ration	100g sachet	200g (includes provision for sharing)	200-250g (includes provision for sharing)
Nutrient profile	510 kcal, 13g protein (10%en), 31g fat (55%en). Contains EFA and meets WHO nutrient content guidance for MAM foods, incl PDCAAS >=70% <sup>6</sup>	820 kcal, 33g protein (17%en), 20g fat (23%en). Contains EFA and meets WHO nutrient content guidance for MAM foods, incl PDCAAS >=70% <sup>6</sup>	752-939 kcal, 31-38g protein (16% en), 16-20g fat (19%en). Same micronutrient premix as SC+.
Avg. duration of intervention <sup>7</sup>	40-90 days	40-90 days	Variable based on target group <sup>8</sup>
Shelf life <sup>9</sup>	24 months	18 months	12 months
Packaging (net weight)	Primary: 100g single dose sealed sachet. Secondary: 15kg carton with 150 sachets.	Primary: 15kg carton with 10 bags. Secondary: 13.5kg carton with 9 bags.	25kg double layered bag (inner heat sealed bag, outer stitched bag).

<sup>1</sup>Also referred to as Lipid-based Nutrient Supplement Large Quantity (LNS-LQ). <sup>2</sup>Super Cereal may be mixed with oil and sugar prior to distribution in a ratio of 200g: 20g: 20g (estimated energy 1005 kcal, 29g protein (12% en), 35g fat (32%en)). <sup>3</sup>Where other SNFs are not available, SC can be an alternative option for children above 36 months. <sup>4</sup>Including people living with HIV/TB. <sup>5</sup>The positive ingredient list may be further expanded to include other ingredients after confirmed acceptability and alignment with food specifications. <sup>6</sup>Aligned with: WHO. Technical note: supplementary foods for the management of moderate acute malnutrition in infants and children 6-59 months of age. Geneva, World Health Organization, 2012. <sup>7</sup>Can vary in different situations and contexts. <sup>8</sup>For PLW, duration lasts from identification to recovery, or until 6 months post-partum, per national protocol. For malnourished individuals on ART/DOTs the avg duration of treatment is 180 days. <sup>9</sup>Shelf life indicated is valid for storage at temperatures less than 30 degrees C. **Abbreviations:** LNS = Lipid-based Nutrient Supplements, RUSF = Ready-to-Use Supplementary Food, FBF = Fortified Blended Food, EFA = Essential Fatty Acids, ART = Anti-Retroviral Therapy (treatment for HIV), DOTs = Directly Observed Treatment (treatment for TB), %en = proportional nutrient contribution to the energy content of the food, RNI = Recommended Nutrient Intakes (FAO/WHO), PDCAAS = Protein Digestibility-Corrected Amino Acid Score (min. 70%), V&M = Vitamins and Minerals.

Programme	Preventing Stunting				
	Preventing Acute Malnutrition			Addressing Micronutrient Deficiencies <sup>1</sup>	
Product name	Lipid-based Nutrient Supplements—Medium Quantity (LNS-MQ)	Fortified Blended Foods (FBF)		LNS Small Quantity (LNS-SQ)	Micronutrient Powders (MNP)
Examples	E.g. eeZee50™, WawaMum, PlumpyDoz™ 	<b>Super Cereal Plus</b> 	<b>Super Cereal<sup>2</sup></b> 	E.g. eeZee20™, NutriButter™ 	
Primary target group	Children 6-23 months	Children 6-23 months	Children above 5 years <sup>3</sup> and Pregnant and Lactating Women (PLW)	Children 6-23 months	Children 6-59 months/ School age children
Other target groups	Children 24-59 months	Children 24-59 months	General population		
Key Ingredients	Peanuts/chickpeas <sup>4</sup> , soy, milk powder, sugar, oil, vitamins and minerals (V&M)	Corn/wheat/rice <sup>4</sup> , soy, milk powder, sugar, oil, V&M	Corn/wheat/rice <sup>4</sup> , soy, V&M (with/without sugar)	Peanuts/chickpeas <sup>4</sup> , soy, milk powder, sugar, oil, V&M	V&M
Daily ration	50g sachet	100-200g (200g includes provision for sharing)	Up to 200g (includes provision for sharing)	20g sachet	Max. 1g sachet for children 6-59 months / 8g sachet for 20 school-aged children
Nutrient profile	255 kcal, 6-8 g protein (10% en), 13-18g fat (55%en). Contains EFA, provides approx 1 RNI for young children, PDCAAS >70%	410-820 kcal, 16-33g protein (17%en), 10-20g fat (23% en). Contains EFA, 100 g provides approx 1 RNI for young children, PDCAAS >70%	376-752 kcal, 15-31g protein (16%en), 8-16g fat (19%en). Same micronutrient premix as SC+	108 kcal, 2.6g protein (10%en), 7g fat (59%en). Contains EFA, 1 RNI for young children per sachet, PDCAAS>70%	1 RNI for children 6-59 months /20 RNI for school-aged children per sachet (an 8g sachet is for 20 meals, providing 1 RNI per child) (No energy, fat or protein content)
Duration of intervention	Duration will be aligned with national guidelines and will vary with different situations, contexts and objectives (e.g. prevention of acute vs. prevention of stunting) as well as target group. Please refer to Programming for Nutrition-Specific Interventions <sup>5</sup> for more information.				
Shelf life <sup>6</sup>	24 months	18 months	12 months	24 months	24 months
Packaging (net weight)	Primary: 50g single dose sealed sachet. Secondary: 15kg carton with 300 sachets.	Primary: 15kg carton with 10 bags. Secondary: 13.5kg carton with 9 bags.	25kg double layered bag (inner heat sealed bag, outer stitched bag)	Primary: 20g single dose sealed sachet. Secondary: 10.9kg carton with 546 sachets.	Primary: 1g / 8g sealed sachet. Secondary: 30 / 20 sachets in 1 box. Tertiary : 6kg / 8kg carton with 200 / 50 boxes. <i>*Packaging varies with supplier</i>








<sup>1</sup>Also referred to as point-of-use fortificants, i.e. can be mixed with usual complementary foods of the child and help to meet micronutrient requirements. <sup>2</sup>Super Cereal may be mixed with oil and sugar prior to distribution in a ratio of 200g: 20g: 20g (estimated energy 1005 kcal, 29g protein (12%en), 35g fat (32%en)). <sup>3</sup>Where other SNFs are not available, SC can be an alternative option for children above 36 months. <sup>4</sup>The positive ingredient list may be further expanded to include other ingredients after confirmed acceptability and alignment with food specifications. <sup>5</sup>Available at: <http://newgo.wfp.org/documents/nutrition-at-wfp-programming-for-nutrition-specific-interventions>. <sup>6</sup>Shelf life indicated is valid for storage at temperatures less than 30 degrees C. **Abbreviations:** LNS = Lipid-based Nutrient Supplements, RUSF = Ready-to-Use Supplementary Food, FBF = Fortified Blended Food, MNP = Micronutrient Powders, EFA = Essential Fatty Acids, % en = proportional nutrient contribution to the energy content of the food, RNI = Recommended Nutrient Intakes, (FAO/WHO); PDCAAS = Protein Digestibility-Corrected Amino Acid Score (min 70%), V&M = Vitamins and Minerals.

# WFP Specialized Nutritious Foods Sheet

Programme	Treating Moderate Acute Malnutrition (MAM)				
Generic product term	Lipid-based Nutrient Supplement (LNS) Large Quantity (92-100 g) <sup>1</sup>		Fortified Blended Foods (FBF) (200-250g)		
Current WFP nutrition products	Plumpy'sup® <sup>2</sup> (Peanut-based)	eeZeeRUSF™ (Peanut-based)	Acha Mum (Chickpea-based)	Super Cereal Plus	Super Cereal <sup>3</sup>
					
Target group	Children 6-59 months	Children 6-59 months	Children 6-59 months	Children 6-59 months	Pregnant and Lactating Women (PLW) Malnourished individuals on ART/ DOTS
Key Ingredients	Peanuts, sugar, whey, vegetable oil, milk, soy protein, cocoa, V&M	Peanut, sugar, milk solids, vegetable oil, V&M	Chickpeas, vegetable oil, milk powder, sugar, V&M, soya lecithin	Corn/wheat/rice soya, milk powder, sugar, oil, V&M	Corn/wheat/rice soya, V&M
Daily ration	92g sachet	92g sachet	100g sachet	200g (includes provision for sharing)	200-250g (includes provision for sharing)
Nutrient profile	500 kcal, 13g protein (10%), 31g fat (55%). Contains EFA, meets RNI and PDCAAS	500 kcal, 13g protein (11%), 31g fat (56%). Contains EFA, meets RNI and PDCAAS	520 kcal, 13g protein (10%), 29g fat (50%). Contains EFA, meets RNI and PDCAAS	787 kcal, 33g protein (17%), 20g fat (23%). Contains EFA, meets RNI and PDCAAS	752-939 kcal, 31-38g protein (16%), 16-20g fat (19%). Meets RNI and PDCAAS
Avg. duration of intervention <sup>4</sup>	60-90 days	60-90 days	60-90 days	60-90 days	Variable based on target group <sup>5</sup>
Shelf life <sup>6</sup>	24 months	24 months	24 months	18 months	12 months
Packaging details	Carton: 14.7kg (gross) and 13.8kg (net) has 150 sachets	Carton: 14.9kg (gross) and 13.8kg (net) has 150 sachets	Carton: 10.5kg (net) has 105 sachets	Primary: 1.5kg (net) bag; Secondary: 15kg (net) carton has 10 bags; or 18kg sack has 12 bags	25kg (net) bags

<sup>1</sup>Also referred to as RUSF. <sup>2</sup>Plumpy'sup is formerly known as Supplementary Plumpy (same product). Note: Plumpy'nut is a different product used for the treatment of severe acute malnutrition (SAM). <sup>3</sup>Super Cereal is usually mixed with 20g oil and 15g sugar before distribution (total est. 989-1176 kcal, 31-38g protein (12-13%), 16-20g fat (31-32%)). <sup>4</sup>Can vary in different situations and contexts. <sup>5</sup>For PLW, duration lasts from identification to recovery, or until 6 months post-partum, per national protocol. For malnourished individuals on ART/DOTs the avg duration of treatment is 180 days <sup>6</sup>Shelf life indicated is valid for storage at temperatures less than 30 degrees C. **Abbreviations:** LNS = Lipid-based Nutrient Supplement, RUSF = Ready-to-Use Supplementary Food, FBF = Fortified Blended Food, EFA = Essential Fatty Acids, ART = Anti-Retroviral Therapy (treatment for HIV), DOTS = Directly Observed Treatment (treatment for TB), RNI = Recommended Nutrient Intakes (FAO/WHO), PDCAAS = Protein Digestibility-Corrected Amino Acid Score (min. 70%), V&M = Vitamins and Minerals, mt = Metric Ton.

# WFP Specialized Nutritious Foods Sheet

Programme	Preventing Stunting						
	Preventing Acute Malnutrition					Addressing Micronutrient Deficiencies <sup>1</sup>	
Generic product term	Lipid-based Nutrient Supplement (LNS) Medium Quantity (20-50g)			Fortified Blended Food (FBF) (100-200g)		LNS Small Quantity (≤20g)	Micronutrient Powders (1g)
Current WFP nutrition products	Plumpy'doz® (Peanut-based)	eeZeeCup™ (Peanut-based)	Wawa Mum (Chickpea-based)	Super Cereal Plus	Super Cereal <sup>2</sup>	Nutributter® (Peanut-based)	Micronutrient Powders (MNP)
							
Target group	Children 6-23 months	Children 6-23 months	Children 6-23 months	Children 6-23 months	Pregnant and Lactating Women	Children 6-23 months	Children 6-59 months School age children
Key Ingredients	Vegetable fat, peanut, sugar, milk powder, whey, V&M, cocoa	Vegetable fat, peanut, sugar, skimmed milk powder, V&M	Chickpeas, vegetable oil, milk powder, sugar, V&M	Corn/wheat/rice soya, milk powder, sugar, oil, V&M	Corn/wheat/rice soya, V&M	Peanuts, vegetable fat, sugar, skim milk powder, whey, V&M	Vitamins and minerals (V&M)
Daily ration	46g portion (1/7 portion of a pot)	46g portion (1/7 portion of a pot)	50g sachet	100-200g (200g includes provision for sharing)	100-200g (200g includes provision for sharing)	20g sachet	1g sachet every second day
Nutrient profile	247 kcal, 5.9g protein (10%), 16g fat (58%). Contains EFA, meets RNI and PDCAAS	253 kcal, 6.0g protein (10%), 15g fat (56%). Contains EFA, meets RNI and PDCAAS	260 kcal, 6.5g protein (10%), 14.5g fat (50%). Contains EFA, meets RNI and PDCAAS	394-787 kcal, 16-33g protein (17%), 10-20g fat (23%). Contains EFA, meets RNI and PDCAAS	376-752 kcal, 15-31g protein (16%), 8-16g fat (19%). Meets RNI and PDCAAS	108 kcal, 2.6g protein (10%), 7g fat (59%). Contains EFA, meets RNI and PDCAAS	Meets RNI  (No energy, fat or protein content)
Duration of intervention	Duration will be aligned with national guidelines and will vary with different situations, contexts and objectives (e.g. prevention of acute vs. prevention of stunting) as well as target group. Please refer to programme design guidance for more information.						
Shelf life <sup>3</sup>	24 months	18 months	24 months	18 months	12 months	24 months	24 months
Packaging details	Primary packaging: 325g pots. Carton: 12.7kg (gross) and 11.7kg (net) has 36 pots	Primary packaging: 325g pots. Carton: 12.7kg (gross) and 11.7kg (net) has 36 pots	Carton: 10.5kg (net) has 210 sachets	Primary: 1.5kg (net) bag; Secondary: 15kg (net) carton has 10 bags; or 18kg sack has 12 bags	25kg (net) bags	Carton: 11.95kg (gross) and 10.92kg (net) has 546 sachets	Carton: 14kg (gross) has 240 boxes; 30 sachet in each box. *Packaging varies with supplier

<sup>1</sup>All nutrition products listed help address micronutrient needs, but small quantity LNS and MNP do not prevent acute malnutrition. <sup>2</sup>Super Cereal is usually mixed with 20g oil and 15g sugar before distribution (total est. 613-989 kcal, 15-31g protein (10-12%), 8-16g fat (33-41%)). <sup>3</sup> Shelf life indicated is valid for storage at temperatures less than 30 degrees C. **Abbreviations:** LNS = Lipid-based Nutrient Supplements, RUSF = Ready-to-Use Supplementary Food, FBF = Fortified Blended Food, MNP = Micronutrient Powders, EFA = Essential Fatty Acids, RNI = Recommended Nutrient Intakes, PDCAAS = Protein Digestibility-Corrected Amino Acid Score (min 70%), V&M = Vitamins and Minerals, mt = Metric Ton.