



Quick Reference Guide

Concentration	Powder (g)*	Number of level, unpacked scoops**	Water (ml)***	Final volume (ml)	Osmolality mOsm/kg
0.67 kcal/ml (20 kcal/fl oz)	140	29	870	1000	230
0.8 kcal/ml (24 kcal/fl oz)	170	34	860	1000	386
1.0 kcal/ml (30 kcal/fl oz)	210	43	820	1000	582

*Rounded to the nearest 10.

**Rounded to the nearest scoop: 1 level, unpacked scoop weighs approximately 5 g powder.

***Displacement factor of 0.83 ml per gram of powder and rounded to the nearest 10.

Single unit	400 g can	Level, unpacked spoon weights (g) [†]	
		1 tsp	2.4
		1 tbsp	7.5
kcal/g product	4.69	Level, unpacked cup weights (g) [†]	
		1/4 cup	30
		1/3 cup	40
		1/2 cup	63
		1 cup	122
Product yield	1 can (400 g powder) yields approximately 2.8 L	[†] Important note: Household measurements are for a level unpacked measure and are approximations . Measure is tapped to remove air pockets and leveled off using the back of a clean dry knife. Results can vary significantly based on the individual, device, and/or method. The values Vitaflo provides are based on averages derived from multiple measurements. Vitaflo recommends using a gram scale for greatest accuracy. The scoop Vitaflo provides has been validated with Vitaflo products, so using it is preferable to household measurements.	
Displacement factor (ml/g)	0.83		
Scoop weight	1 level unpacked scoop weighs approximately 5 g of product		

USE UNDER MEDICAL SUPERVISION

INDICATIONS

For the dietary management of long chain fatty acid oxidation disorders, fat malabsorption, and other conditions requiring a high MCT, low LCT diet. Suitable from 1 year of age.

DOSAGE AND ADMINISTRATION

To be determined by the clinician or dietician and is dependent on the age, body weight, and medical condition of the patient.

PREPARATION GUIDELINES

LIPiStart is typically mixed with water. The standard dilution of approximately 20 kcal/fl oz or 0.67 kcal/ml is made by adding 1 level scoop of LIPiStart (5 g) to 1 fl oz (30 ml) of water. Use the scoop provided in the can or a gram scale for greatest accuracy.

1. Wash your hands and clean surfaces, utensils, and formula container.
2. Boil water and leave to cool for no more than 30 minutes to ensure it remains at a temperature of at least 158°F (70°C).
3. Measure out the required amount of water into the formula container. Do not use artificially softened water or repeatedly boiled water.
4. Using the scoop provided, add the prescribed number of scoops of LIPiStart to the water, leveling off each scoop with the back of a clean dry knife. Return dry scoop to LIPiStart can.

5. Seal formula container and shake well until powder is dissolved. Test the temperature before feeding, the formula should feel warm or cool but not hot.

6. LIPiStart is now ready to use.

Any prepared formula should be refrigerated and used within 24 hours. Re-shake before use. Do not heat LIPiStart in a microwave as uneven heating may occur and could cause a burn. Do not boil LIPiStart.

IMPORTANT NOTICE

Must only be used under strict medical supervision.

Not for intravenous use.

For enteral use only (orally or tube feeding).

Not suitable as a sole source of nutrition from 1 year of age.

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400 g (14.1 oz) can

STORAGE

Store in a cool dry place.

Once opened, LIPiStart powder must be tightly sealed and consumed within 4 weeks.

For more information on LIPiStart, visit www.VitafloUSA.com, email vitafloNAM@vitaflousa.com, or call 888-848-2356.



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Innovation in Nutrition
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Nutrition Information

Nutrient	Units	Per 100 g	1 Liter	1 Liter	1 Liter
			0.67 kcal/ml 20 kcal/fl oz	0.8 kcal/ml 24 kcal/fl oz	1 kcal/ml 30 kcal/fl oz
Calories	kcal	469	670	800	1000
Protein	g	12	17	21	26
Carbohydrate	g	58	83	99	124
Sugars	g	6.0	8.6	10	13
Total Fat	g	21	30	36	45
Saturated Fat	g	16	23	28	35
Polyunsaturated Fat	g	21	3.0	3.6	4.5
Linoleic Acid (LA)	mg	1470	2102	2514	3131
Arachidonic Acid (ARA)	mg	100	143	171	213
α-Linolenic Acid (ALA)	mg	230	329	393	490
Docosahexaenoic Acid (DHA)	mg	100	143	171	213
Monounsaturated Fat	g	1.6	2.3	2.7	3.4
Medium Chain Triglycerides	g	15.6	22.3	26.7	33.2
Long Chain Triglycerides	g	4.4	6.3	7.5	9.4
VITAMINS					
Vitamin A	µg RE	408	583	698	869
Vitamin D	µg	9.4	13	16	20
Vitamin E	mg α TE	6.0	8.6	10	13
Vitamin C	mg	53	76	91	113
Vitamin K	µg	24	34	41	51
Thiamin	mg	0.53	0.76	0.91	1.1
Riboflavin	mg	0.71	1.0	1.2	1.5
Niacin	mg	3.7	5.3	6.3	7.9
Vitamin B6	mg	0.46	0.66	0.79	1.0
Folic Acid	µg	71	100	120	150
Vitamin B12	µg	1.0	1.4	1.7	2.1
Biotin	µg	16	23	2.7	3.4
Pantothenic Acid	mg	2.5	3.6	4.3	5.3
Choline	mg	142	203	243	302
Inositol	mg	53	76	91	113

			1 Liter 0.67 kcal/ml 20 kcal/fl oz	1 Liter 0.8 kcal/ml 24 kcal/fl oz	1 Liter 1 kcal/ml 30 kcal/fl oz
Nutrient	Units	Per 100 g	140 g of powder	170 g of powder	210 g of powder
MINERALS					
Sodium	mg	210	300	359	447
Potassium	mg	430	615	735	916
Chloride	mg	320	458	547	682
Calcium	mg	355	508	607	756
Phosphorus	mg	270	386	462	575
Magnesium	mg	40	57	68	85
Iron	mg	5.1	7.3	8.7	11
Copper	mg	0.36	0.51	0.62	0.77
Zinc	mg	4.1	5.9	7.0	8.7
Manganese	mg	0.24	0.34	0.41	0.51
Iodine	µg	81	116	139	173
Molybdenum	µg	22	31	38	47
Selenium	µg	17	24	29	36
Chromium	µg	11	16	19	23

AMINO ACIDS					
L-Carnitine	mg	12	17	21	26
Taurine	mg	40	57	85	85

Product Composition			
	Fat	Protein	Carbohydrate
% total kcal	40	10	50
Source	Medium Chain Triglycerides (from Coconut and Palm Kernel Oil), Soybean Oil, Canola Oil, M. Alpina Oil*, and C. Cohnii Oil**, Sunflower Oil.	Whey protein concentrate (milk), sodium caseinate (milk).	Dried Corn Syrup, Maltodextrin.

*A source of Arachidonic Acid (ARA)

**A source of Docosahexaenoic Acid (DHA)

Reimbursement Code	HCPCS Code
50600-0502-05	B4158 & B4150

To calculate nutritional intake and the ideal recipe with ease, please ask your VitaFlo representative about the **MCT Calculator**.

For healthcare professional use only.

FOR REIMBURSEMENT ASSISTANCE, VISIT:



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www.VitaFlo4Success.com