



Quick Reference Guide

Concentration	Powder (g)*	Number of level, unpacked scoops**	Water (ml)***	Final volume (ml)	Osmolality mOsm/kg	Potential renal solute load mOsm/L
1.0 kcal/ml (30 kcal/fl oz)	200	29	850	1000	230	125
1.5 kcal/ml (45 kcal/fl oz)	300	43	780	1000	386	189
2.0 kcal/ml (60 kcal/fl oz)	400	57	700	1000	582	252

* Rounded to the nearest 10.

** Rounded to the nearest scoop: 1 level, unpacked scoop weighs approximately 7 g powder.

*** Displacement factor of 0.74 ml per gram of powder and rounded to the nearest 10.

Single unit	400 g can	Level, unpacked spoon weights (g)†	
kcal/g of product	4.94	1 tsp	2.4
g of protein/g of product	0.075	1 tbsp	7.3
Product yield 1 kcal/ml (30 kcal/fl oz)	1 can (400 g powder) yields approximately 2 L	Level, unpacked cup weights (g)†	
Displacement factor (ml/g)	0.74	1/4 cup	31
Scoop weight	1 level unpacked scoop weighs approximately 7 g of product	1/3 cup	40
		1/2 cup	58
		1 cup	120

† 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.

USE UNDER MEDICAL SUPERVISION

DOSAGE AND ADMINISTRATION

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

PREPARATION GUIDELINES

Renastart is typically mixed with water. Preparation instructions are given by the dietician or clinician.

The standard dilution of approximately 30 kcal/fl oz or 1 kcal/ml is made by adding 1 level scoop of Renastart (approximately 7 g) to 30 ml of water (1 fl oz). Use the scoop provided in the can or a gram scale for greatest accuracy.

1. Wash your hands and clean surfaces, utensils, and feeding 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 feed container. Do not use artificially softened water or repeatedly boiled water.
4. Using the scoop provided, add the prescribed number of scoops of Renastart to the water, leveling off each scoop with the back of a clean dry knife. Return dry scoop to Renastart can.
5. Seal feed container and shake well until powder is dissolved. Test the temperature before feeding, the feed should feel warm or cool but not hot.
6. Renastart is now ready to use.

Any prepared feed should be refrigerated and used within 24 hours. Re-shake before use.

IMPORTANT NOTICE

Must only be used under strict medical supervision.

Not for intravenous use.

For enteral use only (orally or tube feeding).

Regular monitoring of nutritional status and electrolyte levels is required.

Suitable from 1 year of age.

Not suitable for use as a sole source of nutrition.

IMPORTANT FEEDING INFORMATION

Do not heat Renastart in a microwave as uneven heating may occur and could cause a burn.

Do not boil Renastart.

STORAGE

Store in a cool dry place.

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



All trademarks are owned by Société des Produits Nestlé S.A., Vevey, Switzerland © 2020 Nestlé | VFUSA_RENAQRG_072020

Innovation in Nutrition
A Nestlé Health Science Company



Nutrition Information

Nutrient	Units	Per 100 g	1 Liter	1 Liter	1 Liter
			1.0 kcal/ml 30 kcal/fl oz	1.5 kcal/ml 45 kcal/fl oz	2 kcal/ml 60 kcal/fl oz
Calories	kcal	494	1000	1500	2000
Protein	g	7.5	15	23	30
Carbohydrate	g	62	124	186	248
Sugars	g	6.5	13	20	26
Total Fat	g	24	48	72	96
Saturated Fat	g	6.0	12	18	24
Linoleic Acid (LA)	mg	3700	7400	11100	14800
Alpha-Linolenic Acid (ALA)	mg	300	600	900	1200
Arachidonic Acid (ARA)	mg	200	400	600	800
Docosahexaenoic Acid (DHA)	mg	115	230	345	460
VITAMINS					
Vitamin A	µg RE	110	220	330	440
Vitamin D	µg	9.8	20	29	39
Vitamin E	mg a TE	4.8	9.6	14	19
Vitamin C	mg	65	130	195	260
Vitamin K	µg	26	52	78	104
Thiamin	mg	0.32	0.64	1.0	1.3
Riboflavin	mg	0.44	0.88	1.3	1.8
Niacin	mg	3.6	7.2	11	14
Vitamin B6	mg	0.50	1.0	1.5	2.0
Folic Acid	µg	70	140	210	280
Vitamin B12	µg	0.88	1.8	2.6	3.5
Pantothenic Acid	mg	2.2	4.4	6.6	8.8
Biotin	µg	19	38	57	76
Choline	mg	140	280	420	560
Inositol	mg	26	52	78	104

Nutrient	Units	Per 100 g	1 Liter	1 Liter	1 Liter
			1.0 kcal/ml 30 kcal/fl oz	1.5 kcal/ml 45 kcal/fl oz	2 kcal/ml 60 kcal/fl oz
MINERALS					
Sodium	mg	210	420	630	840
Potassium	mg	95	190	285	380
Chloride	mg	80	160	240	320
Calcium	mg	100	200	300	400
Phosphorus	mg	83	166	249	332
Magnesium	mg	35	70	105	140
Iron	mg	4.5	9.0	13.5	18
Copper	mg	0.34	0.68	1.0	1.4
Zinc	mg	3.9	7.8	12	16
Manganese	mg	0.07	0.14	0.21	0.28
Iodine	µg	85	170	255	340
Molybdenum	µg	7.1	14	21	28
Selenium	µg	17	34	51	68
Chromium	µg	8.4	17	25	34
AMINO ACIDS					
L-Carnitine	mg	18	36	54	72
Taurine	mg	44	88	132	176

Description	Packaging	Reimbursement Code	HCPCS Code
Powder	400 g can	50600-0546-23	B4154

* Rounded to the nearest 10.

To calculate nutritional intake and the ideal recipe with ease please ask your Vitaflo representative about the **Renastart DRI and Recipe Calculator**.

For more information on Renastart, visit www.VitafloUSA.com email vitaflonam@vitaflousa.com or call **888-848-2356**

FOR REIMBURSEMENT ASSISTANCE, VISIT:



formula4success®
www.VitaFlo4Success.com