

Neocate® Junior with Prebiotics, Unflavored* Dilution Chart

For Healthcare Professionals⁵



Contact Nutricia's Medical Affairs team for more comprehensive volume options at each concentration

Refer to can label for full instructions

1. Measure the required amount of warm or cool water into a container



2. Add prescribed amount of Neocate Junior to the water



3. Stir, or cover and shake, until the powder has dissolved

Approximate Household Measures*
Leveled and Unpacked

1 scoop [†]	7.7 g
1 tsp (5 mL)	2.7 g
1 Tbsp (15 mL)	8.1 g
¼ cup (60 mL)	32.3 g
½ cup (80 mL)	43.0 g
¾ cup (120 mL)	64.5 g
1 cup (240 mL)	129 g

Concentration	Volume of Water		Amount of Neocate Powder [†]			Approximate Final Volume [‡]	
	fl oz	mL	scoops	grams	kcal	fl oz	mL
30 kcal/fl oz 1.00 kcal/mL 3.1 g PE/100 mL Osmolality: 620 mOsm/kg ~84.3% Free Water	4	120	4	30.8	145	4.7	145
	7	210	7	53.9	254	8.3	250
	10	300	10	77.0	363	11.9	355
	21	630	21	162	763	24.9	750
	28	840	27	208	981	33.1	995
32 kcal/fl oz 1.07 kcal/mL 3.3 g PE/100 mL Est'd 660 mOsm/kg ~83.3% Free Water	7.5	225	8	61.6	291	9.0	270
	10.5	315	11	84.7	400	12.6	380
	15	450	16	123	582	18.0	540
	20	600	21	162	763	24.0	720
	29	870	31	239	1127	34.9	1045
34 kcal/fl oz 1.13 kcal/mL 3.6 g PE/100 mL Est'd 705 mOsm/kg ~82.2% Free Water	3.5	105	4	30.8	145	4.3	130
	7	210	8	61.6	291	8.5	255
	14	420	16	123	582	17.0	510
	20	600	23	177	836	24.4	730
	27	810	31	239	1127	32.9	985
36 kcal/fl oz 1.20 kcal/mL 3.8 g PE/100 mL Est'd 745 mOsm/kg ~81.2% Free Water	6.5	195	8	61.6	291	8.0	240
	9	270	11	84.7	400	11.1	335
	13	390	16	123	582	16.0	480
	19	570	23	177	836	23.4	700
	26	780	32	246	1163	32.1	960
38 kcal/fl oz 1.27 kcal/mL 4.0 g PE/100 mL Est'd 785 mOsm/kg ~80.1% Free Water	8.5	255	11	84.7	400	10.6	320
	11.5	345	15	116	545	14.3	430
	14.5	435	19	146	691	18.1	545
	20	600	26	200	945	24.9	750
	26	780	34	262	1236	32.5	975
40 kcal/fl oz 1.33 kcal/mL 4.2 g PE/100 mL Est'd 825 mOsm/kg ~79.1% Free Water	5	150	7	53.9	254	6.3	190
	10	300	14	108	509	12.7	380
	15	450	21	162	763	19.0	570
	20	600	28	216	1018	25.3	760
	25	750	35	270	1272	31.6	950
45 kcal/fl oz 1.50 kcal/mL 4.7 g PE/100 mL Est'd 930 mOsm/kg ~76.5% Free Water	8	240	13	100	472	10.5	315
	10.5	315	17	131	618	13.7	410
	13	390	21	162	763	17.0	510
	19	570	31	239	1127	24.9	745
	24	720	39	300	1417	31.4	940

*Household measures are based on standard US, dry household measures. All measures are level and unpacked. These values are approximations only and have been provided for convenience; results can vary significantly based on the individual, device, and method. Nutricia North America recommends using a scale for greatest accuracy.

The scoops Nutricia provides are validated for use with Nutricia formulas, so are preferable to household measures.

†Dilutions are more accurate using weighed powder vs. scoops. Scoops should be level and unpacked. 1 level, unpacked scoop yields 7.7 grams powder and provides 36.3 kcal. 1 gram provides 4.72 kcal and displaces ~0.74 mL water.

‡This chart assumes 1 fl oz = 30 mL. Water volumes are exact, but final volume of prepared formula may vary slightly.

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1. Measure the required amount of warm or cool water into a container



2. Add prescribed amount of Neocate Junior to the water



3. Stir, or cover and shake, until the powder has dissolved

Approximate Household Measures*
Leveled and Unpacked

1 scoop [†]	7.7 g
1 tsp (5 mL)	2.7 g
1 Tbsp (15 mL)	8.1 g
¼ cup (60 mL)	32.3 g
½ cup (80 mL)	43.0 g
¾ cup (120 mL)	64.5 g
1 cup (240 mL)	129 g

Concentration	Volume of Water		Amount of Neocate Powder [†]			Approximate Final Volume [‡]	
	fl oz	mL	scoops	grams	kcal	fl oz	mL
30 kcal/fl oz 1.00 kcal/mL 3.1 g PE/100 mL Osmolality: 620 mOsm/kg ~84.3% Free Water	4	120	4	30.8	145	4.7	145
	7	210	7	53.9	254	8.3	250
	10	300	10	77.0	363	11.9	355
	21	630	21	162	763	24.9	750
	28	840	27	208	981	33.1	995
28 kcal/fl oz 0.93 kcal/mL 2.9 g PE/100 mL Est'd 580 mOsm/kg ~85.4% Free Water	5.5	165	5	38.5	182	6.4	195
	10	300	9	69.3	327	11.7	350
	14.5	435	13	100	472	17.0	510
	21	630	19	146	691	24.6	740
	28	840	25	193	909	32.7	980
27 kcal/fl oz 0.90 kcal/mL 2.8 g PE/100 mL Est'd 560 mOsm/kg ~85.9% Free Water	3.5	105	3	23.1	109	4.1	120
	7	210	6	46.2	218	8.1	245
	10.5	315	9	69.3	327	12.2	365
	21	630	18	139	654	24.4	735
	28	840	24	185	872	32.6	975
26 kcal/fl oz 0.87 kcal/mL 2.7 g PE/100 mL Est'd 535 mOsm/kg ~86.4% Free Water	6	180	5	38.5	182	6.9	210
	8.5	255	7	53.9	254	9.8	295
	11	330	9	69.3	327	12.7	380
	22	660	18	139	654	25.4	765
	28	840	23	177	836	32.4	970
24 kcal/fl oz 0.80 kcal/mL 2.5 g PE/100 mL Est'd 495 mOsm/kg ~87.5% Free Water	4	120	3	23.1	109	4.6	135
	8	240	6	46.2	218	9.1	275
	10.5	315	8	61.6	291	12.0	360
	21	630	16	123	582	24.0	720
	28	840	21	162	763	32.0	960
22 kcal/fl oz 0.73 kcal/mL 2.3 g PE/100 mL Est'd 455 mOsm/kg ~88.5% Free Water	11.5	345	8	61.6	291	13.0	390
	16	480	11	84.7	400	18.1	545
	19	570	13	100	472	21.5	645
	23	690	16	123	582	26.0	780
	29	870	20	154	727	32.8	985
20 kcal/fl oz 0.67 kcal/mL 2.1 g PE/100 mL Est'd 415 mOsm/kg ~89.5% Free Water	6.5	195	4	30.8	145	7.3	220
	8	240	5	38.5	182	8.9	270
	13	390	8	61.6	291	14.5	435
	21	630	13	100	472	23.5	705
	29	870	18	139	654	32.4	975

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20 kcal/fl oz 0.67 kcal/mL

Est'd 415 mOsm/kg ||

2.1 g PE/100 mL

~89.5% Free Water

Approximate Household Measures*
Leveled and Unpacked

1 scoop [†]	7.7 g
1 tsp (5 mL)	2.7 g
1 Tbsp (15 mL)	8.1 g
¼ cup (60 mL)	32.3 g
½ cup (80 mL)	43.0 g
¾ cup (120 mL)	64.5 g
1 cup (240 mL)	129 g

Based on an even starting volume of water:

These recipes start with exact water volumes and add whole scoops or level, unpacked household measures.*

They are designed to work well for parents/caregivers as well as hospital formulary staff.

Please note that final volumes are approximate.

Volume of Water [‡]		Amount of Neocate Powder [†]			Approximate Final Volume [‡]	
fl oz	mL	scoops	grams	kcal	fl oz	mL
6.5	195	4	30.8	145	7.3	220
8	240	5	38.5	182	8.9	270
11.5	345	7	53.9	254	12.8	385
13	390	8	61.6	291	14.5	435
14.5	435	9	69.3	327	16.2	485
16	480	10	77.0	363	17.9	535
18	540	11	84.7	400	20.1	605
21	630	13	100	472	23.5	705
23	690	14	108	509	25.7	770
24	720	15	116	545	26.8	805
26	780	16	123	582	29.0	870
28	840	17	131	618	31.2	935
29	870	18	139	654	32.4	975
31	930	19	146	691	34.6	1040
33	990	20	154	727	36.8	1105
34	1020	21	162	763	38.0	1140
36	1080	22	169	800	40.2	1205
40	1200	25	193	909	44.7	1340
44	1320	27	208	981	49.1	1475
50	1500	31	239	1127	55.9	1675
60	1800	37	285	1345	67.0	2010
70	2100	43	331	1563	78.2	2345
80	2400	49	377	1781	89.3	2680

USING HOUSEHOLD MEASURES* or FULL CAN

Volume of Water [‡]		Amount of Neocate Powder [†]			Approximate Final Volume [‡]	
fl oz	mL	Dry measures*	grams	kcal	fl oz	mL
9	270	1/3 cup	43.0	203	10.1	300
18	540	2/3 cup	86.0	406	20.1	605
27	810	1 cup	129	609	30.2	905
41	1230	1 1/2 cups	194	913	45.8	1375
55	1650	2 cups	258	1218	61.4	1840
85	2550	FULL CAN	400	1888	94.4	2830

*This chart does not apply to Unflavored *without* prebiotics due to differences in displacement, energy density and scoop fill.



How to Prepare

Refer to can label for full preparation instructions

1. Measure the required amount of warm or cool water into a container.



2. Add the prescribed amount of Neocate Junior to the water.



3. Stir, or cover and shake, until the powder has dissolved.



Important Preparation Information

- If taken orally, Neocate Junior is best served chilled.
- Shake or stir Neocate Junior immediately before use.
- Discard formula left in cup 1 hour after feeding starts.
- If preparing in advance: refrigerate immediately at 35-40°F (2-4°C) and use within 24 hours.

- Do not freeze, boil, or use a microwave oven to prepare or warm formula.
- For oral and tube feeding; not for parenteral use.
- Tube feeding: Nutricia advises formula can be safely kept at room temperature up to 4 hours.

Storage

- Store unopened can at room temperature. Do not store at extreme temperatures.
- Once opened, reseal can and store in a cool, dry place (not a refrigerator). Use within 1 month.

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Neocate® Junior with Prebiotics, Unflavored* Dilution Chart

For Healthcare Professionals[§]



22 kcal/fl oz 0.73 kcal/mL

Est'd 455 mOsm/kg ||

2.3 g PE/100 mL

~88.5% Free Water

Based on an even starting volume of water:

These recipes start with exact water volumes and add whole scoops or level, unpacked household measures.*

They are designed to work well for parents/caregivers as well as hospital formulary staff.

Please note that final volumes are approximate.

Volume of Water [†]		Amount of Neocate Powder [†]			Approximate Final Volume [†]	
fl oz	mL	scoops	grams	kcal	fl oz	mL
11.5	345	8	61.6	291	13.0	390
13	390	9	69.3	327	14.7	440
14.5	435	10	77.0	363	16.4	490
16	480	11	84.7	400	18.1	545
17.5	525	12	92.4	436	19.8	595
19	570	13	100	472	21.5	645
22	660	15	116	545	24.8	745
23	690	16	123	582	26.0	780
25	750	17	131	618	28.2	845
26	780	18	139	654	29.4	885
28	840	19	146	691	31.6	950
29	870	20	154	727	32.8	985
31	930	21	162	763	35.0	1050
32	960	22	169	800	36.2	1085
34	1020	23	177	836	38.4	1150
35	1050	24	185	872	39.6	1185
40	1200	27	208	981	45.1	1355
44	1320	30	231	1090	49.7	1490
50	1500	34	262	1236	56.5	1695
54	1620	37	285	1345	61.0	1830
60	1800	41	316	1490	67.8	2035
64	1920	44	339	1599	72.4	2170
70	2100	48	370	1745	79.1	2375

USING HOUSEHOLD MEASURES* or FULL CAN

Volume of Water [†]		Amount of Neocate Powder [†]			Approximate Final Volume [†]	
fl oz	mL	Dry measures*	grams	kcal	fl oz	mL
16.5	495	2/3 cup	86.0	406	18.6	560
18.5	555	3/4 cup	96.8	457	20.9	625
31	930	1 1/4 cups	161	761	35.0	1050
43	1290	1 3/4 cups	226	1066	48.6	1455
61	1830	2 1/2 cups	323	1522	69.0	2070
76	2280	FULL CAN	400	1888	85.8	2575

*This chart does not apply to Unflavored *without* prebiotics due to differences in displacement, energy density and scoop fill.



How to Prepare
Refer to can label for full preparation instructions

1. Measure the required amount of warm or cool water into a container.



2. Add the prescribed amount of Neocate Junior to the water.



3. Stir, or cover and shake, until the powder has dissolved.



Important Preparation Information

- If taken orally, Neocate Junior is best served chilled.
- Shake or stir Neocate Junior immediately before use.
- Discard formula left in cup 1 hour after feeding starts.
- If preparing in advance: refrigerate immediately at 35-40°F (2-4°C) and use within 24 hours.

- Do not freeze, boil, or use a microwave oven to prepare or warm formula.
- For oral and tube feeding; not for parenteral use.
- Tube feeding: Nutricia advises formula can be safely kept at room temperature up to 4 hours.

Storage

- Store unopened can at room temperature. Do not store at extreme temperatures.
- Once opened, reseal can and store in a cool, dry place (not a refrigerator). Use within 1 month.

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Last Updated December 1, 2018

Neocate® Junior with Prebiotics, Unflavored* Dilution Chart

For Healthcare Professionals[§]



24 kcal/fl oz 0.80 kcal/mL

Est'd 495 mOsm/kg ||

2.5 g PE/100 mL

~87.5% Free Water

Approximate Household Measures*
Leveled and Unpacked

1 scoop[†]	7.7 g
1 tsp (5 mL)	2.7 g
1 Tbsp (15 mL)	8.1 g
¼ cup (60 mL)	32.3 g
½ cup (80 mL)	43.0 g
¾ cup (120 mL)	64.5 g
1 cup (240 mL)	129 g

Based on an even starting volume of water:

These recipes start with exact water volumes and add whole scoops or level, unpacked household measures.*

They are designed to work well for parents/caregivers as well as hospital formulary staff.

Please note that final volumes are approximate.

Volume of Water [‡]		Amount of Neocate Powder [†]			Approximate Final Volume [‡]	
fl oz	mL	scoops	grams	kcal	fl oz	mL
4	120	3	23.1	109	4.6	135
8	240	6	46.2	218	9.1	275
10.5	315	8	61.6	291	12.0	360
12	360	9	69.3	327	13.7	410
14.5	435	11	84.7	400	16.6	500
16	480	12	92.4	436	18.3	550
20	600	15	116	545	22.8	685
21	630	16	123	582	24.0	720
24	720	18	139	654	27.4	825
25	750	19	146	691	28.6	860
28	840	21	162	763	32.0	960
29	870	22	169	800	33.2	995
30	900	23	177	836	34.4	1030
32	960	24	185	872	36.6	1095
33	990	25	193	909	37.7	1130
34	1020	26	200	945	38.9	1170
37	1110	28	216	1018	42.3	1270
40	1200	30	231	1090	45.7	1370
44	1320	33	254	1199	50.3	1510
50	1500	38	293	1381	57.2	1715
54	1620	41	316	1490	61.8	1855
60	1800	45	347	1635	68.5	2055
64	1920	48	370	1745	73.1	2195

USING HOUSEHOLD MEASURES* or FULL CAN

Volume of Water [‡]		Amount of Neocate Powder [†]			Approximate Final Volume [‡]	
fl oz	mL	Dry measures*	grams	kcal	fl oz	mL
11	330	1/2 cup	64.5	304	12.6	380
15	450	2/3 cup	86.0	406	17.1	515
22	660	1 cup	129	609	25.2	755
33	990	1 1/2 cups	194	913	37.8	1135
44	1320	2 cups	258	1218	50.4	1510
69	2070	FULL CAN	400	1888	78.7	2360

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How to Prepare

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3. Stir, or cover and shake, until the powder has dissolved.



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- Tube feeding: Nutricia advises formula can be safely kept at room temperature up to 4 hours.

Storage

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For Healthcare Professionals[§]



26 kcal/fl oz 0.87 kcal/mL

Est'd 535 mOsm/kg ||

2.7 g PE/100 mL

~86.4% Free Water

Approximate Household Measures*
Leveled and Unpacked

1 scoop[†]	7.7 g
1 tsp (5 mL)	2.7 g
1 Tbsp (15 mL)	8.1 g
¼ cup (60 mL)	32.3 g
½ cup (80 mL)	43.0 g
¾ cup (120 mL)	64.5 g
1 cup (240 mL)	129 g

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fl oz	mL	scoops	grams	kcal	fl oz	mL
6	180	5	38.5	182	6.9	210
8.5	255	7	53.9	254	9.8	295
11	330	9	69.3	327	12.7	380
12	360	10	77.0	363	13.9	415
14.5	435	12	92.4	436	16.8	505
15.5	465	13	100	472	18.0	540
17	510	14	108	509	19.7	590
18	540	15	116	545	20.8	625
22	660	18	139	654	25.4	765
23	690	19	146	691	26.6	800
24	720	20	154	727	27.8	835
25	750	21	162	763	29.0	870
28	840	23	177	836	32.4	970
29	870	24	185	872	33.6	1005
30	900	25	193	909	34.7	1040
31	930	26	200	945	35.9	1080
33	990	27	208	981	38.1	1145
36	1080	30	231	1090	41.7	1250
40	1200	33	254	1199	46.3	1390
44	1320	36	277	1308	50.8	1525
50	1500	41	316	1490	57.8	1735
56	1680	46	354	1672	64.7	1940
60	1800	50	385	1817	69.5	2085

USING HOUSEHOLD MEASURES* or FULL CAN

Volume of Water [‡]		Amount of Neocate Powder [†]			Approximate Final Volume [‡]	
fl oz	mL	Dry measures*	grams	kcal	fl oz	mL
5	150	1/4 cup	32.3	152	5.8	175
10	300	1/2 cup	64.5	304	11.6	350
15	450	3/4 cup	96.8	457	17.4	520
20	600	1 cup	129	609	23.2	695
40	1200	2 cups	258	1218	46.4	1390
63	1890	FULL CAN	400	1888	72.6	2180

*This chart does not apply to Unflavored *without* prebiotics due to differences in displacement, energy density and scoop fill.



How to Prepare
Refer to can label for full preparation instructions

Important Preparation Information

Storage

1. Measure the required amount of warm or cool water into a container.



2. Add the prescribed amount of Neocate Junior to the water.



3. Stir, or cover and shake, until the powder has dissolved.



- If taken orally, Neocate Junior is best served chilled.
- Shake or stir Neocate Junior immediately before use.
- Discard formula left in cup 1 hour after feeding starts.
- If preparing in advance: refrigerate immediately at 35-40°F (2-4°C) and use within 24 hours.

- Do not freeze, boil, or use a microwave oven to prepare or warm formula.
- For oral and tube feeding; not for parenteral use.
- Tube feeding: Nutricia advises formula can be safely kept at room temperature up to 4 hours.

- Store unopened can at room temperature. Do not store at extreme temperatures.
- Once opened, reseal can and store in a cool, dry place (not a refrigerator). Use within 1 month.

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*Household measures are based on standard US, dry household measures. All measures are level and unpacked. These values are approximations only and have been provided for convenience; results can vary significantly based on the individual, device, and method. Nutricia North America recommends using a scale for greatest accuracy.

†The scoops Nutricia provides are validated for use with Nutricia formulas, so are preferable to household measures. ‡Dilutions are more accurate using weighed powder vs. scoops. Scoops should be level and unpacked. 1 level, unpacked scoop yields 7.7 grams powder and provides 36.3 kcal. 1 gram provides 4.72 kcal and displaces ~0.74 mL water.

‡This chart assumes 1 fl oz = 30 mL. Water volumes are exact, but final volume of prepared formula may vary slightly.

§ Derived from osmolality at standard dilution: assumes direct linear relationship with formula concentration.

¶ For patient safety, Nutricia directs caregivers who request mixing instructions at non-standard dilutions to their healthcare team for guidance.

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Contact our Medical Affairs team with questions:
NutritionServices@Nutricia.com • (800)-365-7354

Last Updated December 1, 2018

Neocate® Junior with Prebiotics, Unflavored* Dilution Chart

For Healthcare Professionals[§]



27 kcal/fl oz 0.90 kcal/mL

Est'd 560 mOsm/kg ||

2.8 g PE/100 mL

~85.9% Free Water

Approximate Household Measures*
Leveled and Unpacked

1 scoop[†]	7.7 g
1 tsp (5 mL)	2.7 g
1 Tbsp (15 mL)	8.1 g
¼ cup (60 mL)	32.3 g
½ cup (80 mL)	43.0 g
¾ cup (120 mL)	64.5 g
1 cup (240 mL)	129 g

Based on an even starting volume of water:

These recipes start with exact water volumes and add whole scoops or level, unpacked household measures.*

They are designed to work well for parents/caregivers as well as hospital formulary staff.

Please note that final volumes are approximate.

Volume of Water [‡]		Amount of Neocate Powder [†]			Approximate Final Volume [‡]	
fl oz	mL	scoops	grams	kcal	fl oz	mL
3.5	105	3	23.1	109	4.1	120
7	210	6	46.2	218	8.1	245
8	240	7	53.9	254	9.3	280
10.5	315	9	69.3	327	12.2	365
11.5	345	10	77.0	363	13.4	400
14	420	12	92.4	436	16.3	490
15	450	13	100	472	17.5	525
16	480	14	108	509	18.7	560
17.5	525	15	116	545	20.3	610
21	630	18	139	654	24.4	735
22	660	19	146	691	25.6	770
23	690	20	154	727	26.8	805
24	720	21	162	763	28.0	840
28	840	24	185	872	32.6	975
29	870	25	193	909	33.7	1010
30	900	26	200	945	34.9	1050
31	930	27	208	981	36.1	1085
32	960	28	216	1018	37.3	1120
36	1080	31	239	1127	41.9	1255
40	1200	35	270	1272	46.6	1400
44	1320	38	293	1381	51.2	1535
50	1500	43	331	1563	58.2	1745
56	1680	48	370	1745	65.1	1955

USING HOUSEHOLD MEASURES* or FULL CAN

Volume of Water [‡]		Amount of Neocate Powder [†]			Approximate Final Volume [‡]	
fl oz	mL	Dry measures*	grams	kcal	fl oz	mL
6.5	195	1/3 cup	43.0	203	7.6	225
13	390	2/3 cup	86.0	406	15.1	455
24	720	1 1/4 cups	161	761	28.0	840
29	870	1 1/2 cups	194	913	33.8	1015
39	1170	2 cups	258	1218	45.4	1360
60	1800	FULL CAN	400	1888	69.9	2100

*This chart does not apply to Unflavored *without* prebiotics due to differences in displacement, energy density and scoop fill.



How to Prepare
Refer to can label for full preparation instructions

1. Measure the required amount of warm or cool water into a container.



2. Add the prescribed amount of Neocate Junior to the water.



3. Stir, or cover and shake, until the powder has dissolved.



Important Preparation Information

- If taken orally, Neocate Junior is best served chilled.
- Shake or stir Neocate Junior immediately before use.
- Discard formula left in cup 1 hour after feeding starts.
- If preparing in advance: refrigerate immediately at 35-40°F (2-4°C) and use within 24 hours.

- Do not freeze, boil, or use a microwave oven to prepare or warm formula.
- For oral and tube feeding; not for parenteral use.
- Tube feeding: Nutricia advises formula can be safely kept at room temperature up to 4 hours.

Storage

- Store unopened can at room temperature. Do not store at extreme temperatures.
- Once opened, reseal can and store in a cool, dry place (not a refrigerator). Use within 1 month.

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*Household measures are based on standard US, dry household measures. All measures are level and unpacked. These values are approximations only and have been provided for convenience; results can vary significantly based on the individual, device, and method. Nutricia North America recommends using a scale for greatest accuracy.

†The scoops Nutricia provides are validated for use with Nutricia formulas, so are preferable to household measures. ‡Dilutions are more accurate using weighed powder vs. scoops. Scoops should be level and unpacked. 1 level, unpacked scoop yields 7.7 grams powder and provides 36.3 kcal. 1 gram provides 4.72 kcal and displaces ~0.74 mL water.

‡This chart assumes 1 fl oz = 30 mL. Water volumes are exact, but final volume of prepared formula may vary slightly.

§ Derived from osmolality at standard dilution: assumes direct linear relationship with formula concentration.

¶ For patient safety, Nutricia directs caregivers who request mixing instructions at non-standard dilutions to their healthcare team for guidance.

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NutritionServices@Nutricia.com • (800)-365-7354

Last Updated December 1, 2018

Neocate® Junior with Prebiotics, Unflavored* Dilution Chart

For Healthcare Professionals[§]



28 kcal/fl oz 0.93 kcal/mL

Est'd 580 mOsm/kg ||

2.9 g PE/100 mL

~85.4% Free Water

Approximate Household Measures*
Leveled and Unpacked

1 scoop[†]	7.7 g
1 tsp (5 mL)	2.7 g
1 Tbsp (15 mL)	8.1 g
¼ cup (60 mL)	32.3 g
½ cup (80 mL)	43.0 g
¾ cup (120 mL)	64.5 g
1 cup (240 mL)	129 g

Based on an even starting volume of water:

These recipes start with exact water volumes and add whole scoops or level, unpacked household measures.*

They are designed to work well for parents/caregivers as well as hospital formulary staff.

Please note that final volumes are approximate.

Volume of Water [‡]		Amount of Neocate Powder [†]			Approximate Final Volume [‡]	
fl oz	mL	scoops	grams	kcal	fl oz	mL
5.5	165	5	38.5	182	6.4	195
10	300	9	69.3	327	11.7	350
11	330	10	77.0	363	12.9	385
14.5	435	13	100	472	17.0	510
15.5	465	14	108	509	18.2	545
16.5	495	15	116	545	19.3	580
17.5	525	16	123	582	20.5	615
19	570	17	131	618	22.2	665
20	600	18	139	654	23.4	705
21	630	19	146	691	24.6	740
22	660	20	154	727	25.8	775
23	690	21	162	763	27.0	810
28	840	25	193	909	32.7	980
29	870	26	200	945	33.9	1020
30	900	27	208	981	35.1	1055
31	930	28	216	1018	36.3	1090
32	960	29	223	1054	37.5	1125
33	990	30	231	1090	38.7	1160
35	1050	32	246	1163	41.1	1230
40	1200	36	277	1308	46.8	1405
45	1350	41	316	1490	52.8	1585
50	1500	45	347	1635	58.5	1755
55	1650	50	385	1817	64.5	1935

USING HOUSEHOLD MEASURES* or FULL CAN

Volume of Water [‡]		Amount of Neocate Powder [†]			Approximate Final Volume [‡]	
fl oz	mL	Dry measures*	grams	kcal	fl oz	mL
12.5	375	2/3 cup	86.0	406	14.6	440
14	420	3/4 cup	96.8	457	16.4	490
23	690	1 1/4 cups	161	761	27.0	810
28	840	1 1/2 cups	194	913	32.8	985
37	1110	2 cups	258	1218	43.4	1300
58	1740	FULL CAN	400	1888	67.4	2025

*This chart does not apply to Unflavored *without* prebiotics due to differences in displacement, energy density and scoop fill.



How to Prepare

Refer to can label for full preparation instructions

1. Measure the required amount of warm or cool water into a container.



2. Add the prescribed amount of Neocate Junior to the water.



3. Stir, or cover and shake, until the powder has dissolved.



Important Preparation Information

- If taken orally, Neocate Junior is best served chilled.
- Shake or stir Neocate Junior immediately before use.
- Discard formula left in cup 1 hour after feeding starts.
- If preparing in advance: refrigerate immediately at 35-40°F (2-4°C) and use within 24 hours.

- Do not freeze, boil, or use a microwave oven to prepare or warm formula.
- For oral and tube feeding; not for parenteral use.
- Tube feeding: Nutricia advises formula can be safely kept at room temperature up to 4 hours.

Storage

- Store unopened can at room temperature. Do not store at extreme temperatures.
- Once opened, reseal can and store in a cool, dry place (not a refrigerator). Use within 1 month.

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†The scoops Nutricia provides are validated for use with Nutricia formulas, so are preferable to household measures. ‡Dilutions are more accurate using weighed powder vs. scoops. Scoops should be level and unpacked. 1 level, unpacked scoop yields 7.7 grams powder and provides 36.3 kcal. 1 gram provides 4.72 kcal and displaces ~0.74 mL water.

‡This chart assumes 1 fl oz = 30 mL. Water volumes are exact, but final volume of prepared formula may vary slightly.

§ Derived from osmolality at standard dilution: assumes direct linear relationship with formula concentration.

§ For patient safety, Nutricia directs caregivers who request mixing instructions at non-standard dilutions to their healthcare team for guidance.

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Neocate® Junior with Prebiotics, Unflavored* Dilution Chart

For Healthcare Professionals[§]



30 kcal/fl oz 1.00 kcal/mL

Osmolality: 620 mOsm/kg

3.1 g PE/100 mL

~84.3% Free Water

Based on an even starting volume of water:

These recipes start with exact water volumes and add whole scoops or level, unpacked household measures.*

They are designed to work well for parents/caregivers as well as hospital formulary staff.

Please note that final volumes are approximate.

Volume of Water [‡]		Amount of Neocate Powder [†]			Approximate Final Volume [‡]	
fl oz	mL	scoops	grams	kcal	fl oz	mL
1	30	1	7.7	36	1.2	35
2	60	2	15.4	73	2.4	70
3	90	3	23.1	109	3.6	105
4	120	4	30.8	145	4.7	145
7	210	7	53.9	254	8.3	250
9	270	9	69.3	327	10.7	320
10	300	10	77.0	363	11.9	355
12	360	12	92.4	436	14.3	430
14	420	14	108	509	16.7	500
16	480	16	123	582	19.0	570
18	540	18	139	654	21.4	645
21	630	21	162	763	24.9	750
24	720	23	177	836	28.4	850
26	780	25	193	909	30.7	920
28	840	27	208	981	33.1	995
30	900	29	223	1054	35.5	1065
32	960	31	239	1127	37.9	1135
34	1020	33	254	1199	40.3	1210
36	1080	35	270	1272	42.6	1280
38	1140	37	285	1345	45.0	1350
40	1200	39	300	1417	47.4	1420
44	1320	43	331	1563	52.2	1565
50	1500	49	377	1781	59.3	1780

USING HOUSEHOLD MEASURES* or FULL CAN

Volume of Water [‡]		Amount of Neocate Powder [†]			Approximate Final Volume [‡]	
fl oz	mL	Dry measures*	grams	kcal	fl oz	mL
8.5	255	1/2 cup	64.5	304	10.1	305
13	390	3/4 cup	96.8	457	15.4	460
17	510	1 cup	129	609	20.2	605
26	780	1 1/2 cups	194	913	30.8	925
34	1020	2 cups	258	1218	40.4	1210
53	1590	FULL CAN	400	1888	62.9	1890

*This chart does not apply to Unflavored *without* prebiotics due to differences in displacement, energy density and scoop fill.



How to Prepare
Refer to can label for full preparation instructions

1. Measure the required amount of warm or cool water into a container.



2. Add the prescribed amount of Neocate Junior to the water.



3. Stir, or cover and shake, until the powder has dissolved.



Important Preparation Information

- If taken orally, Neocate Junior is best served chilled.
- Shake or stir Neocate Junior immediately before use.
- Discard formula left in cup 1 hour after feeding starts.
- If preparing in advance: refrigerate immediately at 35-40°F (2-4°C) and use within 24 hours.

- Do not freeze, boil, or use a microwave oven to prepare or warm formula.
- For oral and tube feeding; not for parenteral use.
- Tube feeding: Nutricia advises formula can be safely kept at room temperature up to 4 hours.

Storage

- Store unopened can at room temperature. Do not store at extreme temperatures.
- Once opened, reseal can and store in a cool, dry place (not a refrigerator). Use within 1 month.

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†The scoops Nutricia provides are validated for use with Nutricia formulas, so are preferable to household measures. ‡Dilutions are more accurate using weighed powder vs. scoops. Scoops should be level and unpacked. 1 level, unpacked scoop yields 7.7 grams powder and provides 36.3 kcal. 1 gram provides 4.72 kcal and displaces ~0.74 mL water.

‡This chart assumes 1 fl oz = 30 mL. Water volumes are exact, but final volume of prepared formula may vary slightly.

§Derived from osmolality at standard dilution: assumes direct linear relationship with formula concentration.

§For patient safety, Nutricia directs caregivers who request mixing instructions at non-standard dilutions to their healthcare team for guidance.

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Last Updated December 1, 2018

Neocate® Junior with Prebiotics, Unflavored* Mixing Chart

For Parents & Caregivers[§]

30 kcal/fl oz 1.00 kcal/mL

*This chart does not apply to Neocate Junior, Unflavored *without* prebiotics due to differences in displacement, energy density and scoop fill.



Based on an even starting volume of water:

These recipes start with exact water volumes and add whole scoops.

Please note that final volumes are approximate.

Volume of Water [†]		Amount of Neocate Powder [†]			Approximate Final Volume [‡]	
fl oz	mL	scoops	grams	kcal	fl oz	mL
1	30	1	7.7	36	1.2	35
2	60	2	15.4	73	2.4	70
3	90	3	23.1	109	3.6	105
4	120	4	30.8	145	4.7	145
5	150	5	38.5	182	5.9	180
6	180	6	46.2	218	7.1	215
7	210	7	53.9	254	8.3	250
8	240	8	61.6	291	9.5	285
9	270	9	69.3	327	10.7	320
10	300	10	77.0	363	11.9	355
11	330	11	84.7	400	13.1	395
12	360	12	92.4	436	14.3	430
13	390	13	100	472	15.5	465
14	420	14	108	509	16.7	500
15	450	15	116	545	17.8	535
16	480	16	123	582	19.0	570
17	510	17	131	618	20.2	605
18	540	18	139	654	21.4	645
19	570	19	146	691	22.6	680
20	600	20	154	727	23.8	715
21	630	21	162	763	24.9	750
23	690	23	177	836	27.4	820
25	750	24	185	872	29.6	885
28	840	27	208	981	33.1	995
30	900	29	223	1054	35.5	1065
32	960	31	239	1127	37.9	1135
36	1080	35	270	1272	42.6	1280
40	1200	39	300	1417	47.4	1420
42	1260	41	316	1490	49.8	1495
44	1320	43	331	1563	52.2	1565
50	1500	49	377	1781	59.3	1780
53	1590	FULL CAN	400	1888	62.9	1890



How to Prepare
Refer to can label for full preparation instructions

1. Measure the required amount of warm or cool water into a container.



2. Add the prescribed amount of Neocate Junior to the water.



3. Stir, or cover and shake, until the powder has dissolved.



Important Preparation Information

- If taken orally, Neocate Junior is best served chilled.
- Shake or stir Neocate Junior immediately before use.
- Discard formula left in cup 1 hour after feeding starts.
- If preparing in advance: refrigerate immediately at 35-40°F (2-4°C) and use within 24 hours.
- Do not freeze, boil, or use a microwave oven to prepare or warm formula.
- For oral and tube feeding; not for parenteral use.
- Tube feeding: Nutricia advises formula can be safely kept at room temperature up to 4 hours.

Storage

- Store unopened can at room temperature. Do not store at extreme temperatures.
- Once opened, reseal can and store in a cool, dry place (not a refrigerator). Use within 1 month.

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Nutricia North America recommends using a scale for greatest accuracy.

[†]The scoops Nutricia provides are validated for use with Nutricia formulas, so are preferable to household measures.
[‡]Dilutions are more accurate using weighed powder vs. scoops. Scoops should be level and unpacked. 1 level, unpacked scoop yields 7.7 grams powder and provides 36.3 kcal. 1 gram provides 4.72 kcal and displaces ~0.74 mL water.

[§]This chart assumes 1 fl oz = 30 mL. Water volumes are exact, but final volumes of prepared formula may vary slightly.

[§]For patient safety, Nutricia directs caregivers who request mixing instructions at non-standard dilutions, or for recipes that use household measures instead of a scale or the provided scoops, to their healthcare team for guidance.

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Contact our Nutrition Specialists
with questions:
NutritionServices@Nutricia.com
1-800-NEOCATE

Last Updated December 1, 2018

Neocate® Junior with Prebiotics, Unflavored* Dilution Chart

For Healthcare Professionals[§]



32 kcal/fl oz 1.07 kcal/mL

Est'd 660 mOsm/kg ||

3.3 g PE/100 mL

~83.3% Free Water

Approximate Household Measures*
Leveled and Unpacked

1 scoop[†]	7.7 g
1 tsp (5 mL)	2.7 g
1 Tbsp (15 mL)	8.1 g
¼ cup (60 mL)	32.3 g
½ cup (80 mL)	43.0 g
¾ cup (120 mL)	64.5 g
1 cup (240 mL)	129 g

Based on an even starting volume of water:

These recipes start with exact water volumes and add whole scoops or level, unpacked household measures*.

They are designed to work well for parents/caregivers as well as hospital formulary staff.

Please note that final volumes are approximate.

Volume of Water [‡]		Amount of Neocate Powder [†]			Approximate Final Volume [‡]	
fl oz	mL	scoops	grams	kcal	fl oz	mL
7.5	225	8	61.6	291	9.0	270
8.5	255	9	69.3	327	10.2	305
9.5	285	10	77.0	363	11.4	340
10.5	315	11	84.7	400	12.6	380
15	450	16	123	582	18.0	540
16	480	17	131	618	19.2	575
17	510	18	139	654	20.4	615
18	540	19	146	691	21.6	650
19	570	20	154	727	22.8	685
20	600	21	162	763	24.0	720
21	630	22	169	800	25.2	755
22	660	23	177	836	26.4	790
29	870	31	239	1127	34.9	1045
30	900	32	246	1163	36.1	1080
31	930	33	254	1199	37.3	1120
32	960	34	262	1236	38.5	1155
33	990	35	270	1272	39.6	1190
35	1050	37	285	1345	42.0	1260
37	1110	39	300	1417	44.4	1330
39	1170	41	316	1490	46.8	1405
41	1230	43	331	1563	49.2	1475
43	1290	45	347	1635	51.5	1545
45	1350	48	370	1745	54.1	1625

USING HOUSEHOLD MEASURES* or FULL CAN

Volume of Water [‡]		Amount of Neocate Powder [†]			Approximate Final Volume [‡]	
fl oz	mL	Dry measures*	grams	kcal	fl oz	mL
4	120	1/4 cup	32.3	152	4.8	145
8	240	1/2 cup	64.5	304	9.6	290
12	360	3/4 cup	96.8	457	14.4	430
16	480	1 cup	129	609	19.2	575
32	960	2 cups	258	1218	38.4	1150
49	1470	FULL CAN	400	1888	59.0	1770

*This chart does not apply to Unflavored *without* prebiotics due to differences in displacement, energy density and scoop fill.



How to Prepare
Refer to can label for full preparation instructions

1. Measure the required amount of warm or cool water into a container.



2. Add the prescribed amount of Neocate Junior to the water.



3. Stir, or cover and shake, until the powder has dissolved.



Important Preparation Information

- If taken orally, Neocate Junior is best served chilled.
- Shake or stir Neocate Junior immediately before use.
- Discard formula left in cup 1 hour after feeding starts.
- If preparing in advance: refrigerate immediately at 35-40°F (2-4°C) and use within 24 hours.

- Do not freeze, boil, or use a microwave oven to prepare or warm formula.
- For oral and tube feeding; not for parenteral use.
- Tube feeding: Nutricia advises formula can be safely kept at room temperature up to 4 hours.

Storage

- Store unopened can at room temperature. Do not store at extreme temperatures.
- Once opened, reseal can and store in a cool, dry place (not a refrigerator). Use within 1 month.

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*Household measures are based on standard US, dry household measures. All measures are level and unpacked. These values are approximations only and have been provided for convenience; results can vary significantly based on the individual, device, and method. Nutricia North America recommends using a scale for greatest accuracy.

†The scoops Nutricia provides are validated for use with Nutricia formulas, so are preferable to household measures. ‡Dilutions are more accurate using weighed powder vs. scoops. Scoops should be level and unpacked. 1 level, unpacked scoop yields 7.7 grams powder and provides 36.3 kcal. 1 gram provides 4.72 kcal and displaces ~0.74 mL water.

‡This chart assumes 1 fl oz = 30 mL. Water volumes are exact, but final volume of prepared formula may vary slightly.

§ Derived from osmolality at standard dilution: assumes direct linear relationship with formula concentration.

¶ For patient safety, Nutricia directs caregivers who request mixing instructions at non-standard dilutions to their healthcare team for guidance.

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*HOUSEHOLD MEASURES: Clinicians can access an easy Household Measures Calculator in the Neocate Calculator at www.NutriciaLearningCenter.com in the GI/Allergy Clinician Resources section

Contact our Medical Affairs team with questions:
NutritionServices@Nutricia.com • (800)-365-7354

Neocate® Junior with Prebiotics, Unflavored* Dilution Chart

For Healthcare Professionals[§]



34 kcal/fl oz 1.13 kcal/mL

Est'd 705 mOsm/kg ||

3.6 g PE/100 mL

~82.2% Free Water

Approximate Household Measures*
Leveled and Unpacked

1 scoop[†]	7.7 g
1 tsp (5 mL)	2.7 g
1 Tbsp (15 mL)	8.1 g
¼ cup (60 mL)	32.3 g
½ cup (80 mL)	43.0 g
¾ cup (120 mL)	64.5 g
1 cup (240 mL)	129 g

Based on an even starting volume of water:

These recipes start with exact water volumes and add whole scoops or level, unpacked household measures.*

They are designed to work well for parents/caregivers as well as hospital formulary staff.

Please note that final volumes are approximate.

Volume of Water [‡]		Amount of Neocate Powder [†]			Approximate Final Volume [‡]	
fl oz	mL	scoops	grams	kcal	fl oz	mL
3.5	105	4	30.8	145	4.3	130
7	210	8	61.6	291	8.5	255
8	240	9	69.3	327	9.7	290
10.5	315	12	92.4	436	12.8	385
11.5	345	13	100	472	14.0	420
14	420	16	123	582	17.0	510
15	450	17	131	618	18.2	545
16	480	18	139	654	19.4	585
17.5	525	20	154	727	21.3	640
20	600	23	177	836	24.4	730
21	630	24	185	872	25.6	765
22	660	25	193	909	26.7	800
23	690	26	200	945	27.9	840
24	720	27	208	981	29.1	875
27	810	31	239	1127	32.9	985
28	840	32	246	1163	34.1	1020
29	870	33	254	1199	35.3	1060
30	900	34	262	1236	36.5	1095
31	930	35	270	1272	37.6	1130
32	960	36	277	1308	38.8	1165
34	1020	39	300	1417	41.4	1240
36	1080	41	316	1490	43.8	1315
40	1200	46	354	1672	48.7	1460

USING HOUSEHOLD MEASURES* or FULL CAN

Volume of Water [‡]		Amount of Neocate Powder [†]			Approximate Final Volume [‡]	
fl oz	mL	Dry measures*	grams	kcal	fl oz	mL
11	330	¾ cup	96.8	457	13.4	400
18.5	555	1 ¼ cups	161	761	22.5	675
22	660	1 ½ cups	194	913	26.8	805
26	780	1 ¾ cups	226	1066	31.6	945
37	1110	2 ½ cups	323	1522	45.0	1350
46	1380	FULL CAN	400	1888	55.5	1665

*This chart does not apply to Unflavored *without* prebiotics due to differences in displacement, energy density and scoop fill.



How to Prepare
Refer to can label for full preparation instructions

1. Measure the required amount of warm or cool water into a container.



2. Add the prescribed amount of Neocate Junior to the water.



3. Stir, or cover and shake, until the powder has dissolved.



Important Preparation Information

- If taken orally, Neocate Junior is best served chilled.
- Shake or stir Neocate Junior immediately before use.
- Discard formula left in cup 1 hour after feeding starts.
- If preparing in advance: refrigerate immediately at 35-40°F (2-4°C) and use within 24 hours.

- Do not freeze, boil, or use a microwave oven to prepare or warm formula.
- For oral and tube feeding; not for parenteral use.
- Tube feeding: Nutricia advises formula can be safely kept at room temperature up to 4 hours.

Storage

- Store unopened can at room temperature. Do not store at extreme temperatures.
- Once opened, reseal can and store in a cool, dry place (not a refrigerator). Use within 1 month.

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‡This chart assumes 1 fl oz = 30 mL. Water volumes are exact, but final volume of prepared formula may vary slightly.

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Neocate® Junior with Prebiotics, Unflavored* Dilution Chart

For Healthcare Professionals[§]



36 kcal/fl oz 1.20 kcal/mL

Est'd 745 mOsm/kg ||

3.8 g PE/100 mL

~81.2% Free Water

Based on an even starting volume of water:

These recipes start with exact water volumes and add whole scoops or level, unpacked household measures.*

They are designed to work well for parents/caregivers as well as hospital formulary staff.

Please note that final volumes are approximate.

Volume of Water [‡]		Amount of Neocate Powder [†]			Approximate Final Volume [‡]	
fl oz	mL	scoops	grams	kcal	fl oz	mL
6.5	195	8	61.6	291	8.0	240
9	270	11	84.7	400	11.1	335
11.5	345	14	108	509	14.2	425
13	390	16	123	582	16.0	480
14	420	17	131	618	17.2	515
15.5	465	19	146	691	19.1	575
16.5	495	20	154	727	20.3	610
18	540	22	169	800	22.2	665
19	570	23	177	836	23.4	700
22	660	27	208	981	27.1	815
23	690	28	216	1018	28.3	850
24	720	29	223	1054	29.5	885
26	780	32	246	1163	32.1	960
27	810	33	254	1199	33.3	1000
28	840	34	262	1236	34.5	1035
29	870	35	270	1272	35.6	1070
30	900	37	285	1345	37.0	1110
31	930	38	293	1381	38.2	1145
32	960	39	300	1417	39.4	1180
33	990	40	308	1454	40.6	1220
35	1050	43	331	1563	43.2	1295
36	1080	44	339	1599	44.4	1330
40	1200	49	377	1781	49.3	1480

USING HOUSEHOLD MEASURES* or FULL CAN

Volume of Water [‡]		Amount of Neocate Powder [†]			Approximate Final Volume [‡]	
fl oz	mL	Dry measures*	grams	kcal	fl oz	mL
17	510	1 1/4 cups	161	761	21.0	630
23	690	1 2/3 cups	215	1015	28.3	850
24	720	1 3/4 cups	226	1066	29.6	885
31	930	2 1/4 cups	290	1370	38.2	1145
34	1020	2 1/2 cups	323	1522	42.0	1260
43	1290	FULL CAN	400	1888	52.4	1575

*This chart does not apply to Unflavored *without* prebiotics due to differences in displacement, energy density and scoop fill.



How to Prepare

Refer to can label for full preparation instructions

1. Measure the required amount of warm or cool water into a container.



2. Add the prescribed amount of Neocate Junior to the water.



3. Stir, or cover and shake, until the powder has dissolved.



Important Preparation Information

- If taken orally, Neocate Junior is best served chilled.
- Shake or stir Neocate Junior immediately before use.
- Discard formula left in cup 1 hour after feeding starts.
- If preparing in advance: refrigerate immediately at 35-40°F (2-4°C) and use within 24 hours.

- Do not freeze, boil, or use a microwave oven to prepare or warm formula.
- For oral and tube feeding; not for parenteral use.
- Tube feeding: Nutricia advises formula can be safely kept at room temperature up to 4 hours.

Storage

- Store unopened can at room temperature. Do not store at extreme temperatures.
- Once opened, reseal can and store in a cool, dry place (not a refrigerator). Use within 1 month.

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Neocate® Junior with Prebiotics, Unflavored* Dilution Chart

For Healthcare Professionals[§]



38 kcal/fl oz 1.27 kcal/mL

Est'd 785 mOsm/kg ||

4.0 g PE/100 mL

~80.1% Free Water

Approximate Household Measures*
Leveled and Unpacked

1 scoop[†]	7.7 g
1 tsp (5 mL)	2.7 g
1 Tbsp (15 mL)	8.1 g
¼ cup (60 mL)	32.3 g
½ cup (80 mL)	43.0 g
¾ cup (120 mL)	64.5 g
1 cup (240 mL)	129 g

Based on an even starting volume of water:

These recipes start with exact water volumes and add whole scoops or level, unpacked household measures.*

They are designed to work well for parents/caregivers as well as hospital formulary staff.

Please note that final volumes are approximate.

Volume of Water [‡]		Amount of Neocate Powder [†]			Approximate Final Volume [‡]	
fl oz	mL	scoops	grams	kcal	fl oz	mL
8.5	255	11	84.7	400	10.6	320
10	300	13	100	472	12.5	375
11.5	345	15	116	545	14.3	430
13	390	17	131	618	16.2	485
14.5	435	19	146	691	18.1	545
15.5	465	20	154	727	19.3	580
16	480	21	162	763	20.0	600
17	510	22	169	800	21.2	635
19	570	25	193	909	23.7	710
20	600	26	200	945	24.9	750
22	660	29	223	1054	27.5	825
23	690	30	231	1090	28.7	860
24	720	31	239	1127	29.9	895
26	780	34	262	1236	32.5	975
27	810	35	270	1272	33.6	1010
29	870	38	293	1381	36.2	1085
30	900	39	300	1417	37.4	1120
31	930	40	308	1454	38.6	1160
32	960	42	323	1526	40.0	1200
33	990	43	331	1563	41.2	1235
34	1020	44	339	1599	42.4	1270
35	1050	46	354	1672	43.7	1310
36	1080	47	362	1708	44.9	1350

USING HOUSEHOLD MEASURES* or FULL CAN

Volume of Water [‡]		Amount of Neocate Powder [†]			Approximate Final Volume [‡]	
fl oz	mL	Dry measures*	grams	kcal	fl oz	mL
8.5	255	2/3 cup	86.0	406	10.6	320
16	480	1 1/4 cups	161	761	20.0	600
17	510	1 1/3 cups	172	812	21.2	635
29	870	2 1/4 cups	290	1370	36.2	1085
32	960	2 1/2 cups	323	1522	40.0	1200
40	1200	FULL CAN	400	1888	49.7	1490

*This chart does not apply to Unflavored *without* prebiotics due to differences in displacement, energy density and scoop fill.



How to Prepare
Refer to can label for full preparation instructions

1. Measure the required amount of warm or cool water into a container.



2. Add the prescribed amount of Neocate Junior to the water.



3. Stir, or cover and shake, until the powder has dissolved.



Important Preparation Information

- If taken orally, Neocate Junior is best served chilled.
- Shake or stir Neocate Junior immediately before use.
- Discard formula left in cup 1 hour after feeding starts.
- If preparing in advance: refrigerate immediately at 35-40°F (2-4°C) and use within 24 hours.

- Do not freeze, boil, or use a microwave oven to prepare or warm formula.
- For oral and tube feeding; not for parenteral use.
- Tube feeding: Nutricia advises formula can be safely kept at room temperature up to 4 hours.

Storage

- Store unopened can at room temperature. Do not store at extreme temperatures.
- Once opened, reseal can and store in a cool, dry place (not a refrigerator). Use within 1 month.

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Last Updated December 1, 2018

Neocate® Junior with Prebiotics, Unflavored* Dilution Chart

For Healthcare Professionals[§]



40 kcal/fl oz 1.33 kcal/mL

Est'd 825 mOsm/kg ||

4.2 g PE/100 mL

~79.1% Free Water

Based on an even starting volume of water:

These recipes start with exact water volumes and add whole scoops or level, unpacked household measures.*

They are designed to work well for parents/caregivers as well as hospital formulary staff.

Please note that final volumes are approximate.

Volume of Water [‡]		Amount of Neocate Powder [†]			Approximate Final Volume [‡]	
fl oz	mL	scoops	grams	kcal	fl oz	mL
5	150	7	53.9	254	6.3	190
6.5	195	9	69.3	327	8.2	245
10	300	14	108	509	12.7	380
11.5	345	16	123	582	14.5	435
13	390	18	139	654	16.4	495
14.5	435	20	154	727	18.3	550
15	450	21	162	763	19.0	570
16.5	495	23	177	836	20.9	625
18	540	25	193	909	22.7	680
20	600	28	216	1018	25.3	760
21	630	29	223	1054	26.5	795
23	690	32	246	1163	29.1	870
25	750	35	270	1272	31.6	950
26	780	36	277	1308	32.8	985
28	840	39	300	1417	35.4	1060
29	870	40	308	1454	36.6	1100
30	900	42	323	1526	38.0	1140
31	930	43	331	1563	39.2	1175
32	960	45	347	1635	40.5	1215
33	990	46	354	1672	41.7	1250
34	1020	47	362	1708	42.9	1290
35	1050	49	377	1781	44.3	1330
36	1080	50	385	1817	45.5	1365

USING HOUSEHOLD MEASURES* or FULL CAN

Volume of Water [‡]		Amount of Neocate Powder [†]			Approximate Final Volume [‡]	
fl oz	mL	Dry measures*	grams	kcal	fl oz	mL
3	90	1/4 cup	32.3	152	3.8	115
4	120	1/3 cup	43.0	203	5.1	150
6	180	1/2 cup	64.5	304	7.6	230
12	360	1 cup	129	609	15.2	455
24	720	2 cups	258	1218	30.4	910
37	1110	FULL CAN	400	1888	47.2	1415

*This chart does not apply to Unflavored *without* prebiotics due to differences in displacement, energy density and scoop fill.



How to Prepare
Refer to can label for full preparation instructions

1. Measure the required amount of warm or cool water into a container.



2. Add the prescribed amount of Neocate Junior to the water.



3. Stir, or cover and shake, until the powder has dissolved.



Important Preparation Information

- If taken orally, Neocate Junior is best served chilled.
- Shake or stir Neocate Junior immediately before use.
- Discard formula left in cup 1 hour after feeding starts.
- If preparing in advance: refrigerate immediately at 35-40°F (2-4°C) and use within 24 hours.

- Do not freeze, boil, or use a microwave oven to prepare or warm formula.
- For oral and tube feeding; not for parenteral use.
- Tube feeding: Nutricia advises formula can be safely kept at room temperature up to 4 hours.

Storage

- Store unopened can at room temperature. Do not store at extreme temperatures.
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Neocate® Junior with Prebiotics, Unflavored* Dilution Chart

For Healthcare Professionals[§]



42 kcal/fl oz 1.40 kcal/mL

Est'd 870 mOsm/kg ||

4.4 g PE/100 mL

~78.1% Free Water

Approximate Household Measures*
Leveled and Unpacked

1 scoop[†]	7.7 g
1 tsp (5 mL)	2.7 g
1 Tbsp (15 mL)	8.1 g
¼ cup (60 mL)	32.3 g
½ cup (80 mL)	43.0 g
¾ cup (120 mL)	64.5 g
1 cup (240 mL)	129 g

Based on an even starting volume of water:

These recipes start with exact water volumes and add whole scoops or level, unpacked household measures.*

They are designed to work well for parents/caregivers as well as hospital formulary staff.

Please note that final volumes are approximate.

Volume of Water [‡]		Amount of Neocate Powder [†]			Approximate Final Volume [‡]	
fl oz	mL	scoops	grams	kcal	fl oz	mL
7.5	225	11	84.7	400	9.6	290
9.5	285	14	108	509	12.2	365
11.5	345	17	131	618	14.7	440
13.5	405	20	154	727	17.3	520
15	450	22	169	800	19.2	575
15.5	465	23	177	836	19.9	595
17	510	25	193	909	21.7	650
17.5	525	26	200	945	22.4	675
19	570	28	216	1018	24.3	730
19.5	585	29	223	1054	25.0	750
21	630	31	239	1127	26.9	805
21.5	645	32	246	1163	27.6	825
23	690	34	262	1236	29.5	885
23.5	705	35	270	1272	30.1	905
25	750	37	285	1345	32.0	960
27	810	40	308	1454	34.6	1040
29	870	43	331	1563	37.2	1115
30	900	44	339	1599	38.4	1150
31	930	46	354	1672	39.7	1190
32	960	47	362	1708	40.9	1230
33	990	49	377	1781	42.3	1270
34	1020	50	385	1817	43.5	1305
35	1050	52	400	1888	45.0	1350

USING HOUSEHOLD MEASURES* or FULL CAN

Volume of Water [‡]		Amount of Neocate Powder [†]			Approximate Final Volume [‡]	
fl oz	mL	Dry measures*	grams	kcal	fl oz	mL
7.5	225	2/3 cup	86.0	406	9.6	290
8.5	255	3/4 cup	96.8	457	10.9	325
14	420	1 1/4 cups	161	761	18.0	540
17	510	1 1/2 cups	194	913	21.8	655
28	840	2 1/2 cups	323	1522	36.0	1080
35	1050	FULL CAN	400	1888	45.0	1350

*This chart does not apply to Unflavored *without* prebiotics due to differences in displacement, energy density and scoop fill.



How to Prepare

Refer to can label for full preparation instructions

1. Measure the required amount of warm or cool water into a container.



2. Add the prescribed amount of Neocate Junior to the water.



3. Stir, or cover and shake, until the powder has dissolved.



Important Preparation Information

- If taken orally, Neocate Junior is best served chilled.
- Shake or stir Neocate Junior immediately before use.
- Discard formula left in cup 1 hour after feeding starts.
- If preparing in advance: refrigerate immediately at 35-40°F (2-4°C) and use within 24 hours.

- Do not freeze, boil, or use a microwave oven to prepare or warm formula.
- For oral and tube feeding; not for parenteral use.
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Storage

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Neocate® Junior with Prebiotics, Unflavored* Dilution Chart

For Healthcare Professionals[§]



45 kcal/fl oz 1.50 kcal/mL

Est'd 930 mOsm/kg ||

4.7 g PE/100 mL

~76.5% Free Water

Approximate Household Measures*
Leveled and Unpacked

1 scoop[†]	7.7 g
1 tsp (5 mL)	2.7 g
1 Tbsp (15 mL)	8.1 g
¼ cup (60 mL)	32.3 g
½ cup (80 mL)	43.0 g
¾ cup (120 mL)	64.5 g
1 cup (240 mL)	129 g

Based on an even starting volume of water:

These recipes start with exact water volumes and add whole scoops or level, unpacked household measures.*

They are designed to work well for parents/caregivers as well as hospital formulary staff.

Please note that final volumes are approximate.

Volume of Water [‡]		Amount of Neocate Powder [†]			Approximate Final Volume [‡]	
fl oz	mL	scoops	grams	kcal	fl oz	mL
8	240	13	100	472	10.5	315
10.5	315	17	131	618	13.7	410
13	390	21	162	763	17.0	510
13.5	405	22	169	800	17.7	530
15.5	465	25	193	909	20.2	605
16	480	26	200	945	20.9	630
18	540	29	223	1054	23.5	705
18.5	555	30	231	1090	24.2	725
19	570	31	239	1127	24.9	745
20.5	615	33	254	1199	26.8	805
21	630	34	262	1236	27.5	825
21.5	645	35	270	1272	28.1	845
23	690	37	285	1345	30.0	900
23.5	705	38	293	1381	30.7	920
24	720	39	300	1417	31.4	940
24.5	735	40	308	1454	32.1	965
25.5	765	41	316	1490	33.3	1000
26	780	42	323	1526	34.0	1020
27	810	44	339	1599	35.4	1060
28	840	45	347	1635	36.5	1095
29	870	47	362	1708	37.9	1140
30	900	49	377	1781	39.3	1180
31	930	50	385	1817	40.5	1215

USING HOUSEHOLD MEASURES* or FULL CAN

Volume of Water [‡]		Amount of Neocate Powder [†]			Approximate Final Volume [‡]	
fl oz	mL	Dry measures*	grams	kcal	fl oz	mL
13	390	1 1/4 cups	161	761	17.0	510
15.5	465	1 1/2 cups	194	913	20.3	610
18	540	1 3/4 cups	226	1066	23.6	705
24	720	2 1/3 cups	301	1421	31.4	945
26	780	2 1/2 cups	323	1522	34.0	1020
32	960	FULL CAN	400	1888	42.0	1260

*This chart does not apply to Unflavored *without* prebiotics due to differences in displacement, energy density and scoop fill.



How to Prepare

Refer to can label for full preparation instructions

1. Measure the required amount of warm or cool water into a container.



2. Add the prescribed amount of Neocate Junior to the water.



3. Stir, or cover and shake, until the powder has dissolved.



Important Preparation Information

- If taken orally, Neocate Junior is best served chilled.
- Shake or stir Neocate Junior immediately before use.
- Discard formula left in cup 1 hour after feeding starts.
- If preparing in advance: refrigerate immediately at 35-40°F (2-4°C) and use within 24 hours.

- Do not freeze, boil, or use a microwave oven to prepare or warm formula.
- For oral and tube feeding; not for parenteral use.
- Tube feeding: Nutricia advises formula can be safely kept at room temperature up to 4 hours.

Storage

- Store unopened can at room temperature. Do not store at extreme temperatures.
- Once opened, reseal can and store in a cool, dry place (not a refrigerator). Use within 1 month.

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*Household measures are based on standard US, dry household measures. All measures are level and unpacked. These values are approximations only and have been provided for convenience; results can vary significantly based on the individual, device, and method. Nutricia North America recommends using a scale for greatest accuracy.

†The scoops Nutricia provides are validated for use with Nutricia formulas, so are preferable to household measures. ‡Dilutions are more accurate using weighed powder vs. scoops. Scoops should be level and unpacked. 1 level, unpacked scoop yields 7.7 grams powder and provides 36.3 kcal. 1 gram provides 4.72 kcal and displaces ~0.74 mL water.

‡This chart assumes 1 fl oz = 30 mL. Water volumes are exact, but final volume of prepared formula may vary slightly.

§ Derived from osmolality at standard dilution: assumes direct linear relationship with formula concentration.

§ For patient safety, Nutricia directs caregivers who request mixing instructions at non-standard dilutions to their healthcare team for guidance.

Neocate® is a family of hypoallergenic, amino acid-based medical foods. Neocate is intended for use under medical supervision.

*HOUSEHOLD MEASURES: Clinicians can access an easy Household Measures Calculator in the Neocate Calculator at www.NutriciaLearningCenter.com in the GI/Allergy Clinician Resources section

Contact our Medical Affairs team with questions:
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