

# Neocate® Junior, Chocolate Dilution Chart

For Healthcare Professionals<sup>§</sup>



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 <sup>†</sup>	7.5 g
1 tsp (5 mL)	2.6 g
1 Tbsp (15 mL)	7.8 g
¼ cup (60 mL)	31.3 g
½ cup (80 mL)	41.7 g
¾ cup (120 mL)	62.5 g
1 cup (240 mL)	125 g

## Concentration 30 kcal/fl oz

1.00 kcal/mL  
3.1 g PE/100 mL  
**Osmolality:**  
660 mOsm/kg  
~84.8% Free Water

Volume of Water		Amount of Neocate Powder <sup>†</sup>			Approximate Final Volume <sup>‡</sup>	
fl oz	mL	scoops	grams	kcal	fl oz	mL
4	120	4	30.0	138	4.7	140
7	210	7	52.5	242	8.3	245
10	300	10	75.0	345	11.8	355
21	630	21	158	725	24.9	740
28	840	29	218	1001	33.1	990

## 32 kcal/fl oz

1.07 kcal/mL  
3.3 g PE/100 mL  
Est'd 705 mOsm/kg ||  
~83.8% Free Water

fl oz	mL	scoops	grams	kcal	fl oz	mL
4.5	135	5	37.5	173	5.4	160
9	270	10	75.0	345	10.8	325
12.5	375	14	105	483	15.0	450
20	600	22	165	759	23.9	715
27	810	30	225	1035	32.3	970

## 34 kcal/fl oz

1.13 kcal/mL  
3.5 g PE/100 mL  
Est'd 750 mOsm/kg ||  
~82.8% Free Water

fl oz	mL	scoops	grams	kcal	fl oz	mL
2.5	75	3	22.5	104	3.0	90
7.5	225	9	67.5	311	9.1	270
10	300	12	90.0	414	12.1	365
20	600	24	180	828	24.2	725
27	810	32	240	1104	32.6	980

## 36 kcal/fl oz

1.20 kcal/mL  
3.7 g PE/100 mL  
Est'd 790 mOsm/kg ||  
~81.7% Free Water

fl oz	mL	scoops	grams	kcal	fl oz	mL
5.5	165	7	52.5	242	6.7	200
7	210	9	67.5	311	8.6	255
11	330	14	105	483	13.5	405
21	630	27	203	932	25.7	770
28	840	36	270	1242	34.3	1030

## 38 kcal/fl oz

1.27 kcal/mL  
3.9 g PE/100 mL  
Est'd 835 mOsm/kg ||  
~80.7% Free Water

fl oz	mL	scoops	grams	kcal	fl oz	mL
8	240	11	82.5	380	9.9	300
11	330	15	113	518	13.6	410
16	480	22	165	759	19.9	595
20	600	27	203	932	24.7	740
27	810	37	278	1277	33.5	1005

## 40 kcal/fl oz

1.33 kcal/mL  
4.1 g PE/100 mL  
Est'd 880 mOsm/kg ||  
~79.7% Free Water

fl oz	mL	scoops	grams	kcal	fl oz	mL
5.5	165	8	60.0	276	6.9	205
7.5	225	11	82.5	380	9.4	285
13	390	19	143	656	16.3	490
20	600	29	218	1001	25.1	750
26	780	38	285	1311	32.7	980

## 45 kcal/fl oz

1.50 kcal/mL  
4.6 g PE/100 mL  
Est'd 990 mOsm/kg ||  
~77.2% Free Water

fl oz	mL	scoops	grams	kcal	fl oz	mL
6.5	195	11	82.5	380	8.4	255
9.5	285	16	120	552	12.3	370
16	480	27	203	932	20.7	620
20	600	34	255	1173	26.0	780
25	750	42	315	1449	32.4	970



\*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 7.5 grams powder and provides 34.5 kcal. 1 gram provides 4.60 kcal and displaces ~0.70 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.

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# Neocate® Junior, Chocolate Dilution Chart

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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 <sup>†</sup>	7.5 g
1 tsp (5 mL)	2.6 g
1 Tbsp (15 mL)	7.8 g
¼ cup (60 mL)	31.3 g
½ cup (80 mL)	41.7 g
¾ cup (120 mL)	62.5 g
1 cup (240 mL)	125 g

## Concentration 30 kcal/fl oz

1.00 kcal/mL  
3.1 g PE/100 mL  
Osmolality:  
660 mOsm/kg  
~84.8% Free Water

Volume of Water		Amount of Neocate Powder <sup>†</sup>			Approximate Final Volume <sup>‡</sup>	
fl oz	mL	scoops	grams	kcal	fl oz	mL
4	120	4	30.0	138	4.7	140
7	210	7	52.5	242	8.3	245
10	300	10	75.0	345	11.8	355
21	630	21	158	725	24.9	740
28	840	29	218	1001	33.1	990

## 28 kcal/fl oz

0.93 kcal/mL  
2.9 g PE/100 mL  
Est'd 615 mOsm/kg ||  
~85.8% Free Water

fl oz	mL	scoops	grams	kcal	fl oz	mL
7.5	225	7	52.5	242	8.7	260
9.5	285	9	67.5	311	11.1	330
15	450	14	105	483	17.5	525
21	630	20	150	690	24.5	735
30	900	28	210	966	34.9	1045

## 27 kcal/fl oz

0.90 kcal/mL  
2.8 g PE/100 mL  
Est'd 595 mOsm/kg ||  
~86.3% Free Water

fl oz	mL	scoops	grams	kcal	fl oz	mL
5.5	165	5	37.5	173	6.4	190
10	300	9	67.5	311	11.6	345
15.5	465	14	105	483	18.0	540
21	630	19	143	656	24.3	730
29	870	26	195	897	33.6	1005

## 26 kcal/fl oz

0.87 kcal/mL  
2.7 g PE/100 mL  
Est'd 570 mOsm/kg ||  
~86.8% Free Water

fl oz	mL	scoops	grams	kcal	fl oz	mL
3.5	105	3	22.5	104	4.0	120
7	210	6	45.0	207	8.1	240
10.5	315	9	67.5	311	12.1	360
21	630	18	135	621	24.2	725
28	840	24	180	828	32.2	965

## 24 kcal/fl oz

0.80 kcal/mL  
2.5 g PE/100 mL  
Est'd 530 mOsm/kg ||  
~87.8% Free Water

fl oz	mL	scoops	grams	kcal	fl oz	mL
5	150	4	30.0	138	5.7	170
7.5	225	6	45.0	207	8.6	255
15	450	12	90.0	414	17.1	515
20	600	16	120	552	22.8	685
28	840	22	165	759	31.9	955

## 22 kcal/fl oz

0.73 kcal/mL  
2.3 g PE/100 mL  
Est'd 485 mOsm/kg ||  
~88.8% Free Water

fl oz	mL	scoops	grams	kcal	fl oz	mL
5.5	165	4	30.0	138	6.2	185
8.5	255	6	45.0	207	9.6	285
14	420	10	75.0	345	15.8	475
21	630	15	113	518	23.6	710
29	870	21	158	725	32.7	980

## 20 kcal/fl oz

0.67 kcal/mL  
2.1 g PE/100 mL  
Est'd 440 mOsm/kg ||  
~89.9% Free Water

fl oz	mL	scoops	grams	kcal	fl oz	mL
11	330	7	52.5	242	12.2	365
14	420	9	67.5	311	15.6	465
17	510	11	82.5	380	18.9	570
20	600	13	97.5	449	22.3	670
29	870	19	143	656	32.3	970



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†Dilutions are more accurate using weighed powder vs. scoops. Scoops should be level and unpacked. 1 level, unpacked scoop yields 7.5 grams powder and provides 34.5 kcal. 1 gram provides 4.60 kcal and displaces ~0.70 mL water.

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# Neocate® Junior, Chocolate Dilution Chart

For Healthcare Professionals<sup>§</sup>

**20 kcal/fl oz** 0.67 kcal/mL

Est'd 440 mOsm/kg ||

2.1 g PE/100 mL

~89.9% 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 a hospital formulary staff.

Please note that final volumes are approximate.

Volume of Water <sup>†</sup>		Amount of Neocate Powder <sup>†</sup>			Approximate Final Volume <sup>‡</sup>	
fl oz	mL	scoops	grams	kcal	fl oz	mL
11	330	7	52.5	242	12.2	365
12.5	375	8	60.0	276	13.9	415
14	420	9	67.5	311	15.6	465
15.5	465	10	75.0	345	17.3	520
17	510	11	82.5	380	18.9	570
20	600	13	97.5	449	22.3	670
22	660	14	105	483	24.5	735
23	690	15	113	518	25.6	770
25	750	16	120	552	27.8	835
26	780	17	128	587	29.0	870
28	840	18	135	621	31.2	935
29	870	19	143	656	32.3	970
32	960	21	158	725	35.7	1070
36	1080	23	173	794	40.0	1200
40	1200	26	195	897	44.6	1335
44	1320	28	210	966	48.9	1465
50	1500	32	240	1104	55.6	1670
56	1680	36	270	1242	62.3	1870
60	1800	39	293	1346	66.8	2005
64	1920	41	308	1415	71.2	2135
70	2100	45	338	1553	77.9	2335
76	2280	49	368	1691	84.6	2535
80	2400	52	390	1794	89.1	2675

### USING HOUSEHOLD MEASURES\* or FULL CAN

Volume of Water <sup>†</sup>		Amount of Neocate Powder <sup>†</sup>			Approximate Final Volume <sup>‡</sup>	
fl oz	mL	Dry measures*	grams	kcal	fl oz	mL
13	390	1/2 cup	62.5	288	14.5	435
17	510	2/3 cup	83.3	383	18.9	570
26	780	1 cup	125	575	28.9	870
32	960	1 1/4 cups	156	719	35.6	1070
60	1800	2 1/3 cups	292	1342	66.8	2005
83	2490	FULL CAN	400	1840	92.0	2760



## 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 7.5 grams powder and provides 34.5 kcal. 1 gram provides 4.60 kcal and displaces ~0.70 mL water.

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# Neocate® Junior, Chocolate Dilution Chart

For Healthcare Professionals<sup>§</sup>

**22 kcal/fl oz** 0.73 kcal/mL

Est'd 485 mOsm/kg ||

2.3 g PE/100 mL

~88.8% 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 a hospital formulary staff.

Please note that final volumes are approximate.

Volume of Water <sup>†</sup>		Amount of Neocate Powder <sup>†</sup>			Approximate Final Volume <sup>‡</sup>	
fl oz	mL	scoops	grams	kcal	fl oz	mL
5.5	165	4	30.0	138	6.2	185
7	210	5	37.5	173	7.9	235
8.5	255	6	45.0	207	9.6	285
11	330	8	60.0	276	12.4	370
14	420	10	75.0	345	15.8	475
17	510	12	90.0	414	19.1	575
18	540	13	97.5	449	20.3	610
21	630	15	113	518	23.6	710
22	660	16	120	552	24.8	745
24	720	17	128	587	27.0	810
25	750	18	135	621	28.2	845
28	840	20	150	690	31.5	945
29	870	21	158	725	32.7	980
32	960	23	173	794	36.0	1080
35	1050	25	188	863	39.4	1180
36	1080	26	195	897	40.6	1215
40	1200	29	218	1001	45.1	1350
44	1320	32	240	1104	49.6	1490
50	1500	36	270	1242	56.3	1690
56	1680	40	300	1380	63.0	1890
60	1800	43	323	1484	67.5	2025
64	1920	46	345	1587	72.1	2160
70	2100	50	375	1725	78.8	2365

### USING HOUSEHOLD MEASURES\* or FULL CAN

Volume of Water <sup>†</sup>		Amount of Neocate Powder <sup>†</sup>			Approximate Final Volume <sup>‡</sup>	
fl oz	mL	Dry measures*	grams	kcal	fl oz	mL
11.5	345	1/2 cup	62.5	288	13.0	390
23	690	1 cup	125	575	25.9	780
39	1170	1 2/3 cups	208	958	43.9	1315
52	1560	2 1/4 cups	281	1294	58.6	1755
58	1740	2 1/2 cups	313	1438	65.3	1960
74	2220	FULL CAN	400	1840	83.6	2510



## 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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**24 kcal/fl oz** 0.80 kcal/mL

Est'd 530 mOsm/kg ||

2.5 g PE/100 mL

~87.8% 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 a hospital formulary staff.

Please note that final volumes are approximate.

Volume of Water <sup>†</sup>		Amount of Neocate Powder <sup>†</sup>			Approximate Final Volume <sup>‡</sup>	
fl oz	mL	scoops	grams	kcal	fl oz	mL
2.5	75	2	15.0	69	2.9	85
5	150	4	30.0	138	5.7	170
7.5	225	6	45.0	207	8.6	255
10	300	8	60.0	276	11.4	340
12.5	375	10	75.0	345	14.3	430
15	450	12	90.0	414	17.1	515
19	570	15	113	518	21.6	650
20	600	16	120	552	22.8	685
23	690	18	135	621	26.2	785
24	720	19	143	656	27.3	820
25	750	20	150	690	28.5	855
28	840	22	165	759	31.9	955
29	870	23	173	794	33.0	990
30	900	24	180	828	34.2	1025
32	960	25	188	863	36.4	1090
33	990	26	195	897	37.6	1125
35	1050	28	210	966	39.9	1195
40	1200	32	240	1104	45.6	1370
44	1320	35	263	1208	50.1	1505
50	1500	40	300	1380	57.0	1710
56	1680	44	330	1518	63.7	1910
60	1800	48	360	1656	68.4	2050
64	1920	51	383	1760	72.9	2190

### USING HOUSEHOLD MEASURES\* or FULL CAN

Volume of Water <sup>†</sup>		Amount of Neocate Powder <sup>†</sup>			Approximate Final Volume <sup>‡</sup>	
fl oz	mL	Dry measures*	grams	kcal	fl oz	mL
4	120	<b>3 Tbsp</b>	23.4	108	4.5	135
7	210	<b>1/3 cup</b>	41.7	192	8.0	240
14	420	<b>2/3 cup</b>	83.3	383	15.9	480
21	630	<b>1 cup</b>	125	575	23.9	720
42	1260	<b>2 cups</b>	250	1150	47.8	1435
67	2010	<b>FULL CAN</b>	400	1840	76.7	2300



## 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

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**26 kcal/fl oz** 0.87 kcal/mL

Est'd 570 mOsm/kg ||

2.7 g PE/100 mL

~86.8% Free Water



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Volume of Water <sup>†</sup>		Amount of Neocate Powder <sup>†</sup>			Approximate Final Volume <sup>†</sup>	
fl oz	mL	scoops	grams	kcal	fl oz	mL
3.5	105	3	22.5	104	4.0	120
7	210	6	45.0	207	8.1	240
8	240	7	52.5	242	9.2	275
10.5	315	9	67.5	311	12.1	360
12.5	375	11	82.5	380	14.4	435
14	420	12	90.0	414	16.1	485
16	480	14	105	483	18.5	555
21	630	18	135	621	24.2	725
22	660	19	143	656	25.3	760
23	690	20	150	690	26.5	795
24	720	21	158	725	27.7	830
25	750	22	165	759	28.9	865
28	840	24	180	828	32.2	965
29	870	25	188	863	33.4	1000
30	900	26	195	897	34.6	1035
32	960	28	210	966	36.9	1105
35	1050	30	225	1035	40.3	1210
36	1080	31	233	1070	41.4	1245
40	1200	35	263	1208	46.1	1385
44	1320	38	285	1311	50.7	1520
50	1500	43	323	1484	57.5	1725
54	1620	47	353	1622	62.2	1865
60	1800	52	390	1794	69.1	2075

### USING HOUSEHOLD MEASURES\* or FULL CAN

Volume of Water <sup>†</sup>		Amount of Neocate Powder <sup>†</sup>			Approximate Final Volume <sup>†</sup>	
fl oz	mL	Dry measures*	grams	kcal	fl oz	mL
9.5	285	1/2 cup	62.5	288	11.0	330
19	570	1 cup	125	575	21.9	660
29	870	1 1/2 cups	188	863	33.4	1000
38	1140	2 cups	250	1150	43.8	1315
48	1440	2 1/2 cups	313	1438	55.3	1660
61	1830	FULL CAN	400	1840	70.8	2125



## 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 7.5 grams powder and provides 34.5 kcal. 1 gram provides 4.60 kcal and displaces ~0.70 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](http://www.NutriciaLearningCenter.com) in the GI/Allergy Clinician Resources section

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

# Neocate® Junior, Chocolate Dilution Chart

For Healthcare Professionals<sup>§</sup>

**27 kcal/fl oz** 0.90 kcal/mL

Est'd 595 mOsm/kg ||

2.8 g PE/100 mL

~86.3% 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 a hospital formulary staff.

Please note that final volumes are approximate.

Volume of Water <sup>†</sup>		Amount of Neocate Powder <sup>†</sup>			Approximate Final Volume <sup>‡</sup>	
fl oz	mL	scoops	grams	kcal	fl oz	mL
5.5	165	5	37.5	173	6.4	190
10	300	9	67.5	311	11.6	345
11	330	10	75.0	345	12.8	385
12	360	11	82.5	380	13.9	420
15.5	465	14	105	483	18.0	540
19	570	17	128	587	22.0	660
20	600	18	135	621	23.2	695
21	630	19	143	656	24.3	730
22	660	20	150	690	25.5	765
23	690	21	158	725	26.7	800
24	720	22	165	759	27.9	835
25	750	23	173	794	29.0	870
29	870	26	195	897	33.6	1005
30	900	27	203	932	34.7	1040
31	930	28	210	966	35.9	1075
32	960	29	218	1001	37.1	1110
33	990	30	225	1035	38.3	1150
35	1050	32	240	1104	40.6	1220
36	1080	33	248	1139	41.8	1255
40	1200	36	270	1242	46.3	1390
44	1320	40	300	1380	51.0	1530
50	1500	45	338	1553	57.9	1735
56	1680	51	383	1760	64.9	1950

### USING HOUSEHOLD MEASURES\* or FULL CAN

Volume of Water <sup>†</sup>		Amount of Neocate Powder <sup>†</sup>			Approximate Final Volume <sup>‡</sup>	
fl oz	mL	Dry measures*	grams	kcal	fl oz	mL
23	690	<b>1 1/4 cups</b>	156	719	26.6	800
31	930	<b>1 2/3 cups</b>	208	958	35.9	1075
37	1110	<b>2 cups</b>	250	1150	42.8	1285
43	1290	<b>2 1/3 cups</b>	292	1342	49.8	1495
51	1530	<b>2 3/4 cups</b>	344	1581	59.0	1770
59	1770	<b>FULL CAN</b>	400	1840	68.1	2045



## 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.

†Dilutions are more accurate using weighed powder vs. scoops. Scoops should be level and unpacked. 1 level, unpacked scoop yields 7.5 grams powder and provides 34.5 kcal. 1 gram provides 4.60 kcal and displaces ~0.70 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](http://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, Chocolate Dilution Chart

For Healthcare Professionals<sup>§</sup>

**28 kcal/fl oz** 0.93 kcal/mL

Est'd 615 mOsm/kg ||

2.9 g PE/100 mL

~85.8% 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:<sup>\*</sup>

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

Please note that final volumes are approximate.

Volume of Water <sup>†</sup>		Amount of Neocate Powder <sup>†</sup>			Approximate Final Volume <sup>‡</sup>	
fl oz	mL	scoops	grams	kcal	fl oz	mL
7.5	225	7	52.5	242	8.7	260
8.5	255	8	60.0	276	9.9	295
9.5	285	9	67.5	311	11.1	330
10.5	315	10	75.0	345	12.3	370
11.5	345	11	82.5	380	13.4	405
15	450	14	105	483	17.5	525
16	480	15	113	518	18.6	560
17	510	16	120	552	19.8	595
18	540	17	128	587	21.0	630
19	570	18	135	621	22.2	665
20	600	19	143	656	23.3	700
21	630	20	150	690	24.5	735
22	660	21	158	725	25.7	770
23	690	22	165	759	26.9	805
24	720	23	173	794	28.0	840
30	900	28	210	966	34.9	1045
31	930	29	218	1001	36.1	1080
32	960	30	225	1035	37.3	1120
36	1080	34	255	1173	42.0	1260
40	1200	38	285	1311	46.7	1400
44	1320	42	315	1449	51.4	1540
50	1500	47	353	1622	58.2	1745
52	1560	49	368	1691	60.6	1815

### USING HOUSEHOLD MEASURES\* or FULL CAN

Volume of Water <sup>†</sup>		Amount of Neocate Powder <sup>†</sup>			Approximate Final Volume <sup>‡</sup>	
fl oz	mL	Dry measures*	grams	kcal	fl oz	mL
22	660	<b>1 1/4 cups</b>	156	719	25.6	770
29	870	<b>1 2/3 cups</b>	208	958	33.9	1015
35	1050	<b>2 cups</b>	250	1150	40.8	1225
40	1200	<b>2 1/4 cups</b>	281	1294	46.6	1395
47	1410	<b>2 2/3 cups</b>	333	1533	54.8	1645
56	1680	<b>FULL CAN</b>	400	1840	65.7	1970



## 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.

†Dilutions are more accurate using weighed powder vs. scoops. Scoops should be level and unpacked. 1 level, unpacked scoop yields 7.5 grams powder and provides 34.5 kcal. 1 gram provides 4.60 kcal and displaces ~0.70 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](mailto:NutritionServices@Nutricia.com) • (800)-365-7354



# Neocate® Junior, Chocolate Dilution Chart

For Healthcare Professionals<sup>§</sup>

**30 kcal/fl oz** 1.00 kcal/mL

660 mOsm/kg

3.1 g PE/100 mL

~84.8% 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 a hospital formulary staff.

Please note that final volumes are approximate.

Volume of Water <sup>†</sup>		Amount of Neocate Powder <sup>†</sup>			Approximate Final Volume <sup>‡</sup>	
fl oz	mL	scoops	grams	kcal	fl oz	mL
1	30	1	7.5	35	1.2	35
2	60	2	15.0	69	2.4	70
3	90	3	22.5	104	3.5	105
4	120	4	30.0	138	4.7	140
7	210	7	52.5	242	8.3	245
8	240	8	60.0	276	9.4	280
10	300	10	75.0	345	11.8	355
12	360	12	90.0	414	14.1	425
14	420	14	105	483	16.5	495
16	480	16	120	552	18.8	565
18	540	18	135	621	21.2	635
21	630	21	158	725	24.9	740
22	660	23	173	794	26.0	780
24	720	25	188	863	28.4	850
26	780	27	203	932	30.7	920
28	840	29	218	1001	33.1	990
30	900	31	233	1070	35.4	1065
31	930	32	240	1104	36.6	1100
32	960	33	248	1139	37.8	1135
36	1080	37	278	1277	42.5	1275
40	1200	41	308	1415	47.2	1415
44	1320	45	338	1553	51.9	1555
50	1500	51	383	1760	58.9	1770

Approximate Household Measures\*  
Leveled and Unpacked

1 scoop <sup>†</sup>	7.5 g
1 tsp (5 mL)	2.6 g
1 Tbsp (15 mL)	7.8 g
¼ cup (60 mL)	31.3 g
½ cup (80 mL)	41.7 g
¾ cup (120 mL)	62.5 g
1 cup (240 mL)	125 g

### USING HOUSEHOLD MEASURES\* or FULL CAN

Volume of Water <sup>†</sup>		Amount of Neocate Powder <sup>†</sup>			Approximate Final Volume <sup>‡</sup>	
fl oz	mL	Dry measures*	grams	kcal	fl oz	mL
20.5	615	1 1/4 cups	156	719	24.1	725
27	810	1 2/3 cups	208	958	31.9	955
37	1110	2 1/4 cups	281	1294	43.6	1305
41	1230	2 1/2 cups	313	1438	48.3	1450
45	1350	2 3/4 cups	344	1581	53.0	1590
52	1560	FULL CAN	400	1840	61.3	1840



## 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.

†Dilutions are more accurate using weighed powder vs. scoops. Scoops should be level and unpacked. 1 level, unpacked scoop yields 7.5 grams powder and provides 34.5 kcal. 1 gram provides 4.60 kcal and displaces ~0.70 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

# Neocate® Junior, Chocolate Mixing Chart

For Parents & Caregivers<sup>§</sup>

**30 kcal/fl oz** 1.00 kcal/mL



## Based on an even starting volume of water:

These recipes start with exact water volumes and add either level, unpacked 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.

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



Volume of Water <sup>‡</sup>		Amount of Neocate Powder <sup>‡</sup>			Approximate Final Volume <sup>‡</sup>	
fl oz	mL	scoops	grams	kcal	fl oz	mL
1	30	1	7.5	35	1.2	35
2	60	2	15.0	69	2.4	70
3	90	3	22.5	104	3.5	105
4	120	4	30.0	138	4.7	140
5	150	5	37.5	173	5.9	175
6	180	6	45.0	207	7.1	210
7	210	7	52.5	242	8.3	245
8	240	8	60.0	276	9.4	280
9	270	9	67.5	311	10.6	315
10	300	10	75.0	345	11.8	355
11	330	11	82.5	380	12.9	390
12	360	12	90.0	414	14.1	425
13	390	13	97.5	449	15.3	460
14	420	14	105	483	16.5	495
15	450	15	113	518	17.6	530
16	480	16	120	552	18.8	565
17	510	17	128	587	20.0	600
18	540	18	135	621	21.2	635
19	570	19	143	656	22.3	670
21	630	21	158	725	24.9	740
22	660	23	173	794	26.0	780
24	720	25	188	863	28.4	850
28	840	29	218	1001	33.1	990
30	900	31	233	1070	35.4	1065
32	960	33	248	1139	37.8	1135
35	1050	36	270	1242	41.3	1240
36	1080	37	278	1277	42.5	1275
40	1200	41	308	1415	47.2	1415
44	1320	45	338	1553	51.9	1555
48	1440	49	368	1691	56.6	1695
50	1500	51	383	1760	58.9	1770
52	1560	<b>FULL CAN</b>	400	1840	61.3	1840

## 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.  
<sup>†</sup>Dilutions are more accurate using weighed powder vs. scoops. Scoops should be level and unpacked. 1 level, unpacked scoop yields 7.5 grams powder and provides 34.5 kcal. 1 gram provides 4.60 kcal and displaces ~0.70 mL water.

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

<sup>§</sup>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, Chocolate Dilution Chart

For Healthcare Professionals<sup>§</sup>

**32 kcal/fl oz** 1.07 kcal/mL

Est'd 705 mOsm/kg ||

3.3 g PE/100 mL

~83.8% 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:<sup>\*</sup>

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

Please note that final volumes are approximate.

Volume of Water <sup>†</sup>		Amount of Neocate Powder <sup>†</sup>			Approximate Final Volume <sup>‡</sup>	
fl oz	mL	scoops	grams	kcal	fl oz	mL
4.5	135	5	37.5	173	5.4	160
9	270	10	75.0	345	10.8	325
10	300	11	82.5	380	11.9	360
12.5	375	14	105	483	15.0	450
14.5	435	16	120	552	17.3	520
17	510	19	143	656	20.3	610
18	540	20	150	690	21.5	645
19	570	21	158	725	22.7	680
20	600	22	165	759	23.9	715
21	630	23	173	794	25.0	750
25	750	28	210	966	29.9	895
26	780	29	218	1001	31.1	930
27	810	30	225	1035	32.3	970
28	840	31	233	1070	33.4	1005
29	870	32	240	1104	34.6	1040
30	900	33	248	1139	35.8	1075
31	930	34	255	1173	37.0	1110
32	960	35	263	1208	38.1	1145
33	990	37	278	1277	39.5	1185
34	1020	38	285	1311	40.7	1220
36	1080	40	300	1380	43.0	1290
40	1200	44	330	1518	47.7	1430
44	1320	49	368	1691	52.6	1575

### USING HOUSEHOLD MEASURES\* or FULL CAN

Volume of Water <sup>†</sup>		Amount of Neocate Powder <sup>†</sup>			Approximate Final Volume <sup>‡</sup>	
fl oz	mL	Dry measures*	grams	kcal	fl oz	mL
5	150	1/3 cup	41.7	192	6.0	180
10	300	2/3 cup	83.3	383	11.9	360
20	600	1 1/3 cups	167	767	23.9	715
30	900	2 cups	250	1150	35.8	1075
40	1200	2 2/3 cups	333	1533	47.8	1435
48	1440	FULL CAN	400	1840	57.5	1725



## 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 7.5 grams powder and provides 34.5 kcal. 1 gram provides 4.60 kcal and displaces ~0.70 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](http://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, Chocolate Dilution Chart

For Healthcare Professionals<sup>§</sup>

**34 kcal/fl oz 1.13 kcal/mL**

Est'd 750 mOsm/kg ||

3.5 g PE/100 mL

~82.8% 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 a hospital formulary staff.

Please note that final volumes are approximate.

Volume of Water <sup>†</sup>		Amount of Neocate Powder <sup>†</sup>			Approximate Final Volume <sup>‡</sup>	
fl oz	mL	scoops	grams	kcal	fl oz	mL
2.5	75	3	22.5	104	3.0	90
5	150	6	45.0	207	6.1	180
7.5	225	9	67.5	311	9.1	270
10	300	12	90.0	414	12.1	365
11	330	13	97.5	449	13.3	400
15	450	18	135	621	18.2	545
16	480	19	143	656	19.3	580
20	600	24	180	828	24.2	725
21	630	25	188	863	25.4	760
22	660	26	195	897	26.6	795
25	750	30	225	1035	30.3	910
26	780	31	233	1070	31.4	945
27	810	32	240	1104	32.6	980
28	840	33	248	1139	33.8	1015
30	900	36	270	1242	36.3	1090
32	960	38	285	1311	38.7	1160
33	990	39	293	1346	39.8	1195
35	1050	42	315	1449	42.4	1270
36	1080	43	323	1484	43.5	1305
38	1140	45	338	1553	45.9	1375
40	1200	48	360	1656	48.4	1450
42	1260	50	375	1725	50.8	1525
44	1320	52	390	1794	53.1	1595

Approximate Household Measures\*  
Leveled and Unpacked

1 scoop <sup>†</sup>	7.5 g
1 tsp (5 mL)	2.6 g
1 Tbsp (15 mL)	7.8 g
¼ cup (60 mL)	31.3 g
½ cup (80 mL)	41.7 g
¾ cup (120 mL)	62.5 g
1 cup (240 mL)	125 g

## USING HOUSEHOLD MEASURES\* or FULL CAN

Volume of Water <sup>†</sup>		Amount of Neocate Powder <sup>†</sup>			Approximate Final Volume <sup>‡</sup>	
fl oz	mL	Dry measures*	grams	kcal	fl oz	mL
7	210	1/2 cup	62.5	288	8.5	255
14	420	1 cup	125	575	16.9	510
21	630	1 1/2 cups	188	863	25.4	760
28	840	2 cups	250	1150	33.8	1015
35	1050	2 1/2 cups	313	1438	42.3	1270
45	1350	FULL CAN	400	1840	54.1	1625



## 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 7.5 grams powder and provides 34.5 kcal. 1 gram provides 4.60 kcal and displaces ~0.70 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

# Neocate® Junior, Chocolate Dilution Chart

For Healthcare Professionals<sup>§</sup>

**36 kcal/fl oz 1.20 kcal/mL**

Est'd 790 mOsm/kg ||

3.7 g PE/100 mL

~81.7% 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 a hospital formulary staff.

Please note that final volumes are approximate.

Volume of Water <sup>†</sup>		Amount of Neocate Powder <sup>†</sup>			Approximate Final Volume <sup>‡</sup>	
fl oz	mL	scoops	grams	kcal	fl oz	mL
5.5	165	7	52.5	242	6.7	200
7	210	9	67.5	311	8.6	255
9.5	285	12	90.0	414	11.6	350
11	330	14	105	483	13.5	405
12.5	375	16	120	552	15.3	460
14	420	18	135	621	17.2	515
15	450	19	143	656	18.3	550
18	540	23	173	794	22.0	660
19	570	24	180	828	23.2	695
21	630	27	203	932	25.7	770
22	660	28	210	966	26.9	805
25	750	32	240	1104	30.6	920
26	780	33	248	1139	31.8	955
28	840	36	270	1242	34.3	1030
29	870	37	278	1277	35.5	1065
30	900	38	285	1311	36.7	1100
31	930	40	300	1380	38.0	1140
32	960	41	308	1415	39.2	1175
33	990	42	315	1449	40.4	1210
34	1020	43	323	1484	41.5	1245
35	1050	45	338	1553	42.9	1285
36	1080	46	345	1587	44.1	1320
40	1200	51	383	1760	48.9	1470

### USING HOUSEHOLD MEASURES\* or FULL CAN

Volume of Water <sup>†</sup>		Amount of Neocate Powder <sup>†</sup>			Approximate Final Volume <sup>‡</sup>	
fl oz	mL	Dry measures*	grams	kcal	fl oz	mL
6.5	195	1/2 cup	62.5	288	8.0	240
13	390	1 cup	125	575	15.9	480
22	660	1 2/3 cups	208	958	26.9	805
26	780	2 cups	250	1150	31.8	955
36	1080	2 3/4 cups	344	1581	44.0	1320
42	1260	FULL CAN	400	1840	51.1	1535



## 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.

†Dilutions are more accurate using weighed powder vs. scoops. Scoops should be level and unpacked. 1 level, unpacked scoop yields 7.5 grams powder and provides 34.5 kcal. 1 gram provides 4.60 kcal and displaces ~0.70 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.

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# Neocate® Junior, Chocolate Dilution Chart

For Healthcare Professionals<sup>§</sup>

**38 kcal/fl oz 1.27 kcal/mL**

Est'd 835 mOsm/kg ||

3.9 g PE/100 mL

~80.7% 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:<sup>\*</sup>

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

Please note that final volumes are approximate.

Volume of Water <sup>†</sup>		Amount of Neocate Powder <sup>†</sup>			Approximate Final Volume <sup>‡</sup>	
fl oz	mL	scoops	grams	kcal	fl oz	mL
8	240	11	82.5	380	9.9	300
9.5	285	13	97.5	449	11.8	355
11	330	15	113	518	13.6	410
12.5	375	17	128	587	15.5	465
14	420	19	143	656	17.3	520
14.5	435	20	150	690	18.0	540
15.5	465	21	158	725	19.2	575
16	480	22	165	759	19.9	595
17	510	23	173	794	21.0	630
19	570	26	195	897	23.6	705
20	600	27	203	932	24.7	740
22	660	30	225	1035	27.3	820
24	720	33	248	1139	29.8	895
25	750	34	255	1173	31.0	930
27	810	37	278	1277	33.5	1005
28	840	38	285	1311	34.7	1040
29	870	40	300	1380	36.0	1080
30	900	41	308	1415	37.2	1115
31	930	42	315	1449	38.4	1150
32	960	44	330	1518	39.7	1190
33	990	45	338	1553	40.9	1225
34	1020	46	345	1587	42.1	1260
36	1080	49	368	1691	44.6	1335

### USING HOUSEHOLD MEASURES\* or FULL CAN

Volume of Water <sup>†</sup>		Amount of Neocate Powder <sup>†</sup>			Approximate Final Volume <sup>‡</sup>	
fl oz	mL	Dry measures*	grams	kcal	fl oz	mL
18.5	555	<b>1 1/2 cups</b>	188	863	22.9	685
20.5	615	<b>1 2/3 cups</b>	208	958	25.4	760
24.5	735	<b>2 cups</b>	250	1150	30.3	910
30.5	915	<b>2 1/2 cups</b>	313	1438	37.8	1135
37	1110	<b>3 cups</b>	375	1725	45.8	1375
39	1170	<b>FULL CAN</b>	400	1840	48.4	1455



## 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.

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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.

§ 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, Chocolate Dilution Chart

For Healthcare Professionals<sup>§</sup>

**40 kcal/fl oz 1.33 kcal/mL**

Est'd 880 mOsm/kg ||

4.1 g PE/100 mL

~79.7% 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 a hospital formulary staff.

Please note that final volumes are approximate.

Volume of Water <sup>†</sup>		Amount of Neocate Powder <sup>†</sup>			Approximate Final Volume <sup>‡</sup>	
fl oz	mL	scoops	grams	kcal	fl oz	mL
5.5	165	8	60.0	276	6.9	205
7.5	225	11	82.5	380	9.4	285
9	270	13	97.5	449	11.3	340
11	330	16	120	552	13.8	415
13	390	19	143	656	16.3	490
14.5	435	21	158	725	18.2	545
15	450	22	165	759	18.9	565
18	540	26	195	897	22.6	675
20	600	29	218	1001	25.1	750
22	660	32	240	1104	27.6	830
24	720	35	263	1208	30.1	905
25	750	36	270	1242	31.3	940
26	780	38	285	1311	32.7	980
27	810	39	293	1346	33.8	1015
28	840	41	308	1415	35.2	1055
29	870	42	315	1449	36.4	1090
30	900	44	330	1518	37.7	1130
31	930	45	338	1553	38.9	1165
32	960	47	353	1622	40.2	1205
33	990	48	360	1656	41.4	1240
34	1020	49	368	1691	42.6	1275
35	1050	51	383	1760	43.9	1320
36	1080	52	390	1794	45.1	1355

Approximate Household Measures\*  
Leveled and Unpacked

1 scoop <sup>†</sup>	7.5 g
1 tsp (5 mL)	2.6 g
1 Tbsp (15 mL)	7.8 g
¼ cup (60 mL)	31.3 g
½ cup (80 mL)	41.7 g
¾ cup (120 mL)	62.5 g
1 cup (240 mL)	125 g

## USING HOUSEHOLD MEASURES\* or FULL CAN

Volume of Water <sup>†</sup>		Amount of Neocate Powder <sup>†</sup>			Approximate Final Volume <sup>‡</sup>	
fl oz	mL	Dry measures*	grams	kcal	fl oz	mL
11.5	345	<b>1 cup</b>	125	575	14.4	435
19	570	<b>1 2/3 cups</b>	208	958	23.9	715
20	600	<b>1 3/4 cups</b>	219	1006	25.1	755
23	690	<b>2 cups</b>	250	1150	28.8	865
27	810	<b>2 1/3 cups</b>	292	1342	33.8	1015
37	1110	<b>FULL CAN</b>	400	1840	46.0	1380



## 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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†Dilutions are more accurate using weighed powder vs. scoops. Scoops should be level and unpacked. 1 level, unpacked scoop yields 7.5 grams powder and provides 34.5 kcal. 1 gram provides 4.60 kcal and displaces ~0.70 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, Chocolate Dilution Chart

For Healthcare Professionals<sup>§</sup>

**42 kcal/fl oz 1.40 kcal/mL**

Est'd 925 mOsm/kg ||

4.3 g PE/100 mL

~78.7% 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 a hospital formulary staff.

Please note that final volumes are approximate.

Volume of Water <sup>†</sup>		Amount of Neocate Powder <sup>†</sup>			Approximate Final Volume <sup>†</sup>	
fl oz	mL	scoops	grams	kcal	fl oz	mL
4.5	135	7	52.5	242	5.7	170
6.5	195	10	75.0	345	8.3	250
9	270	14	105	483	11.5	345
11	330	17	128	587	14.0	420
13	390	20	150	690	16.5	495
13.5	405	21	158	725	17.2	515
15	450	23	173	794	19.0	570
15.5	465	24	180	828	19.7	590
16	480	25	188	863	20.4	610
17.5	525	27	203	932	22.2	665
18	540	28	210	966	22.9	685
19.5	585	30	225	1035	24.8	745
20	600	31	233	1070	25.4	765
22	660	34	255	1173	28.0	840
24	720	37	278	1277	30.5	915
25	750	39	293	1346	31.8	955
26	780	40	300	1380	33.0	990
27	810	42	315	1449	34.4	1030
28	840	43	323	1484	35.5	1065
29	870	45	338	1553	36.9	1105
30	900	46	345	1587	38.1	1140
31	930	48	360	1656	39.4	1180
32	960	50	375	1725	40.8	1225

### USING HOUSEHOLD MEASURES\* or FULL CAN

Volume of Water <sup>†</sup>		Amount of Neocate Powder <sup>†</sup>			Approximate Final Volume <sup>†</sup>	
fl oz	mL	Dry measures*	grams	kcal	fl oz	mL
2	60	<b>3 Tbsp</b>	23.4	108	2.5	75
8	240	<b>3/4 cup</b>	93.8	431	10.2	305
16	480	<b>1 1/2 cups</b>	188	863	20.4	610
24	720	<b>2 1/4 cups</b>	281	1294	30.6	915
32	960	<b>3 cups</b>	375	1725	40.8	1225
34	1020	<b>FULL CAN</b>	400	1840	43.8	1315



## 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.

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

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# Neocate® Junior, Chocolate Dilution Chart

For Healthcare Professionals<sup>§</sup>

**45 kcal/fl oz 1.50 kcal/mL**

Est'd 990 mOsm/kg ||

4.6 g PE/100 mL

~77.2% 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 a hospital formulary staff.

Please note that final volumes are approximate.

Volume of Water <sup>†</sup>		Amount of Neocate Powder <sup>†</sup>			Approximate Final Volume <sup>‡</sup>	
fl oz	mL	scoops	grams	kcal	fl oz	mL
6.5	195	11	82.5	380	8.4	255
9.5	285	16	120	552	12.3	370
10	300	17	128	587	13.0	390
12.5	375	21	158	725	16.2	485
13	390	22	165	759	16.9	505
13.5	405	23	173	794	17.5	525
15.5	465	26	195	897	20.1	600
16	480	27	203	932	20.7	620
16.5	495	28	210	966	21.4	640
17	510	29	218	1001	22.1	660
18.5	555	31	233	1070	23.9	720
19	570	32	240	1104	24.6	740
19.5	585	33	248	1139	25.3	760
20	600	34	255	1173	26.0	780
22	660	37	278	1277	28.5	855
23	690	39	293	1346	29.8	895
25	750	42	315	1449	32.4	970
26	780	44	330	1518	33.7	1010
27	810	46	345	1587	35.1	1050
28	840	47	353	1622	36.2	1085
29	870	49	368	1691	37.6	1125
30	900	51	383	1760	38.9	1170
31	930	52	390	1794	40.1	1205

### USING HOUSEHOLD MEASURES\* or FULL CAN

Volume of Water <sup>†</sup>		Amount of Neocate Powder <sup>†</sup>			Approximate Final Volume <sup>‡</sup>	
fl oz	mL	Dry measures*	grams	kcal	fl oz	mL
16.5	495	<b>1 2/3 cups</b>	208	958	21.4	640
22	660	<b>2 1/4 cups</b>	281	1294	28.6	855
23	690	<b>2 1/3 cups</b>	292	1342	29.8	895
24.5	735	<b>2 1/2 cups</b>	313	1438	31.8	955
27	810	<b>2 3/4 cups</b>	344	1581	35.0	1050
32	960	<b>FULL CAN</b>	400	1840	40.9	1225



## 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.

†Dilutions are more accurate using weighed powder vs. scoops. Scoops should be level and unpacked. 1 level, unpacked scoop yields 7.5 grams powder and provides 34.5 kcal. 1 gram provides 4.60 kcal and displaces ~0.70 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](http://www.NutriciaLearningCenter.com) in the GI/Allergy Clinician Resources section

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