

# Neocate® Junior, Tropical 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\*  
Levelled and Unpacked

|                            |              |
|----------------------------|--------------|
| <b>1 scoop<sup>†</sup></b> | <b>7.3 g</b> |
| 1 tsp (5 mL)               | 2.5 g        |
| 1 Tbsp (15 mL)             | 7.6 g        |
| ¼ cup (60 mL)              | 30.3 g       |
| ½ cup (80 mL)              | 40.3 g       |
| ¾ cup (120 mL)             | 60.5 g       |
| 1 cup (240 mL)             | 121 g        |

Approximate Final Volume<sup>†</sup>

| fl oz | mL   |
|-------|------|
| 4.7   | 140  |
| 8.2   | 245  |
| 12.9  | 385  |
| 24.6  | 735  |
| 34.2  | 1025 |

## Concentration 30 kcal/fl oz

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

| Volume of Water |     | Amount of Neocate Powder <sup>†</sup> |       |      |
|-----------------|-----|---------------------------------------|-------|------|
| fl oz           | mL  | scoops                                | grams | kcal |
| 4               | 120 | 4                                     | 29.2  | 132  |
| 7               | 210 | 7                                     | 51.1  | 230  |
| 11              | 330 | 11                                    | 80.3  | 362  |
| 21              | 630 | 21                                    | 153   | 691  |
| 29              | 870 | 31                                    | 226   | 1021 |

## 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 |
|-------|-----|--------|-------|------|
| 13.5  | 405 | 13     | 94.9  | 428  |
| 15.5  | 465 | 15     | 110   | 494  |
| 17.5  | 525 | 17     | 124   | 560  |
| 27    | 810 | 26     | 190   | 856  |
| 31    | 930 | 30     | 219   | 988  |

## 27 kcal/fl oz

**0.90 kcal/mL**  
2.8 g PE/100 mL  
Est'd 600 mOsm/kg ||  
~86.2% Free Water

| fl oz | mL  | scoops | grams | kcal |
|-------|-----|--------|-------|------|
| 8.5   | 255 | 8      | 58.4  | 263  |
| 10.5  | 315 | 10     | 73.0  | 329  |
| 16    | 480 | 15     | 110   | 494  |
| 21    | 630 | 20     | 146   | 658  |
| 32    | 960 | 30     | 219   | 988  |

## 26 kcal/fl oz

**0.87 kcal/mL**  
2.7 g PE/100 mL  
Est'd 580 mOsm/kg ||  
~86.6% Free Water

| fl oz | mL  | scoops | grams | kcal |
|-------|-----|--------|-------|------|
| 5.5   | 165 | 5      | 36.5  | 165  |
| 10    | 300 | 9      | 65.7  | 296  |
| 13    | 390 | 12     | 87.6  | 395  |
| 21    | 630 | 19     | 139   | 626  |
| 30    | 900 | 27     | 197   | 889  |

## 24 kcal/fl oz

**0.80 kcal/mL**  
2.5 g PE/100 mL  
Est'd 535 mOsm/kg ||  
~87.7% Free Water

| fl oz | mL  | scoops | grams | kcal |
|-------|-----|--------|-------|------|
| 6     | 180 | 5      | 36.5  | 165  |
| 8.5   | 255 | 7      | 51.1  | 230  |
| 12    | 360 | 10     | 73.0  | 329  |
| 23    | 690 | 19     | 139   | 626  |
| 28    | 840 | 23     | 168   | 757  |

## 22 kcal/fl oz

**0.73 kcal/mL**  
2.3 g PE/100 mL  
Est'd 490 mOsm/kg ||  
~88.7% Free Water

| fl oz | mL  | scoops | grams | kcal |
|-------|-----|--------|-------|------|
| 4     | 120 | 3      | 21.9  | 99   |
| 8     | 240 | 6      | 43.8  | 198  |
| 12    | 360 | 9      | 65.7  | 296  |
| 21    | 630 | 16     | 117   | 527  |
| 28    | 840 | 21     | 153   | 691  |

## 20 kcal/fl oz

**0.67 kcal/mL**  
2.1 g PE/100 mL  
Est'd 445 mOsm/kg ||  
~89.7% Free Water

| fl oz | mL  | scoops | grams | kcal |
|-------|-----|--------|-------|------|
| 4.5   | 135 | 3      | 21.9  | 99   |
| 7.5   | 225 | 5      | 36.5  | 165  |
| 12    | 360 | 8      | 58.4  | 263  |
| 22    | 660 | 15     | 110   | 494  |
| 30    | 900 | 20     | 146   | 658  |



\*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.

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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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Last Updated December 1, 2018

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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

|                            |              |
|----------------------------|--------------|
| <b>1 scoop<sup>†</sup></b> | <b>7.3 g</b> |
| 1 tsp (5 mL)               | 2.5 g        |
| 1 Tbsp (15 mL)             | 7.6 g        |
| ¼ cup (60 mL)              | 30.3 g       |
| ½ cup (80 mL)              | 40.3 g       |
| ¾ cup (120 mL)             | 60.5 g       |
| 1 cup (240 mL)             | 121 g        |

Approximate Final Volume<sup>†</sup>

| fl oz | mL   |
|-------|------|
| 4.7   | 140  |
| 8.2   | 245  |
| 12.9  | 385  |
| 24.6  | 735  |
| 34.2  | 1025 |

## Concentration 30 kcal/fl oz

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

| Volume of Water |     | Amount of Neocate Powder <sup>†</sup> |       |      |
|-----------------|-----|---------------------------------------|-------|------|
| fl oz           | mL  | scoops                                | grams | kcal |
| 4               | 120 | 4                                     | 29.2  | 132  |
| 7               | 210 | 7                                     | 51.1  | 230  |
| 11              | 330 | 11                                    | 80.3  | 362  |
| 21              | 630 | 21                                    | 153   | 691  |
| 29              | 870 | 31                                    | 226   | 1021 |

## 32 kcal/fl oz

**1.07 kcal/mL**  
3.4 g PE/100 mL  
Est'd 715 mOsm/kg ||  
~83.6% Free Water

| fl oz | mL  | scoops | grams | kcal |
|-------|-----|--------|-------|------|
| 6     | 180 | 7      | 51.1  | 230  |
| 9.5   | 285 | 11     | 80.3  | 362  |
| 13    | 390 | 15     | 110   | 494  |
| 20    | 600 | 23     | 168   | 757  |
| 29    | 870 | 34     | 248   | 1119 |

## 34 kcal/fl oz

**1.13 kcal/mL**  
3.6 g PE/100 mL  
Est'd 760 mOsm/kg ||  
~82.5% Free Water

| fl oz | mL  | scoops | grams | kcal |
|-------|-----|--------|-------|------|
| 4     | 120 | 5      | 36.5  | 165  |
| 8     | 240 | 10     | 73.0  | 329  |
| 10.5  | 315 | 13     | 94.9  | 428  |
| 20    | 600 | 25     | 183   | 823  |
| 27    | 810 | 34     | 248   | 1119 |

## 36 kcal/fl oz

**1.20 kcal/mL**  
3.8 g PE/100 mL  
Est'd 805 mOsm/kg ||  
~81.5% Free Water

| fl oz | mL  | scoops | grams | kcal |
|-------|-----|--------|-------|------|
| 3     | 90  | 4      | 29.2  | 132  |
| 6     | 180 | 8      | 58.4  | 263  |
| 12    | 360 | 16     | 117   | 527  |
| 20    | 600 | 27     | 197   | 889  |
| 26    | 780 | 35     | 256   | 1152 |

## 38 kcal/fl oz

**1.27 kcal/mL**  
4.0 g PE/100 mL  
Est'd 850 mOsm/kg ||  
~80.5% Free Water

| fl oz | mL  | scoops | grams | kcal |
|-------|-----|--------|-------|------|
| 3.5   | 105 | 5      | 36.5  | 165  |
| 7     | 210 | 10     | 73.0  | 329  |
| 14    | 420 | 20     | 146   | 658  |
| 20    | 600 | 29     | 212   | 955  |
| 26    | 780 | 37     | 270   | 1218 |

## 40 kcal/fl oz

**1.33 kcal/mL**  
4.2 g PE/100 mL  
Est'd 895 mOsm/kg ||  
~79.5% Free Water

| fl oz | mL  | scoops | grams | kcal |
|-------|-----|--------|-------|------|
| 6.5   | 195 | 10     | 73.0  | 329  |
| 10.5  | 315 | 16     | 117   | 527  |
| 13    | 390 | 20     | 146   | 658  |
| 19    | 570 | 29     | 212   | 955  |
| 26    | 780 | 40     | 292   | 1317 |

## 45 kcal/fl oz

**1.50 kcal/mL**  
4.7 g PE/100 mL  
Est'd 1005 mOsm/kg ||  
~76.9% Free Water

| fl oz | mL  | scoops | grams | kcal |
|-------|-----|--------|-------|------|
| 4.5   | 135 | 8      | 58.4  | 263  |
| 8.5   | 255 | 15     | 110   | 494  |
| 13    | 390 | 23     | 168   | 757  |
| 18    | 540 | 32     | 234   | 1054 |
| 26    | 780 | 46     | 336   | 1514 |



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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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For Healthcare Professionals<sup>§</sup>

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

Est'd 445 mOsm/kg ||

2.1 g PE/100 mL

~89.7% Free Water



## 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.

### Approximate Household Measures\* Levelled and Unpacked

| 1 scoop <sup>†</sup> | 7.3 g  |
|----------------------|--------|
| 1 tsp (5 mL)         | 2.5 g  |
| 1 Tbsp (15 mL)       | 7.6 g  |
| ¼ cup (60 mL)        | 30.3 g |
| ½ cup (80 mL)        | 40.3 g |
| ¾ cup (120 mL)       | 60.5 g |
| 1 cup (240 mL)       | 121 g  |

### Approximate Final Volume<sup>‡</sup>

| fl oz | mL   |
|-------|------|
| 1.7   | 50   |
| 3.3   | 100  |
| 5.0   | 150  |
| 6.7   | 200  |
| 8.3   | 250  |
| 10.0  | 300  |
| 11.7  | 350  |
| 13.4  | 400  |
| 16.7  | 500  |
| 17.9  | 535  |
| 20.0  | 600  |
| 23.4  | 700  |
| 24.5  | 735  |
| 27.9  | 835  |
| 33.4  | 1000 |
| 39.1  | 1170 |
| 44.6  | 1335 |
| 49.1  | 1470 |
| 55.7  | 1670 |
| 62.4  | 1875 |
| 66.9  | 2010 |
| 71.3  | 2140 |
| 77.9  | 2340 |

| Volume of Water <sup>‡</sup> |      | Amount of Neocate Powder <sup>†</sup> |       |      |
|------------------------------|------|---------------------------------------|-------|------|
| fl oz                        | mL   | scoops                                | grams | kcal |
| 1.5                          | 45   | 1                                     | 7.3   | 33   |
| 3                            | 90   | 2                                     | 14.6  | 66   |
| 4.5                          | 135  | 3                                     | 21.9  | 99   |
| 6                            | 180  | 4                                     | 29.2  | 132  |
| 7.5                          | 225  | 5                                     | 36.5  | 165  |
| 9                            | 270  | 6                                     | 43.8  | 198  |
| 10.5                         | 315  | 7                                     | 51.1  | 230  |
| 12                           | 360  | 8                                     | 58.4  | 263  |
| 15                           | 450  | 10                                    | 73.0  | 329  |
| 16                           | 480  | 11                                    | 80.3  | 362  |
| 18                           | 540  | 12                                    | 87.6  | 395  |
| 21                           | 630  | 14                                    | 102   | 461  |
| 22                           | 660  | 15                                    | 110   | 494  |
| 25                           | 750  | 17                                    | 124   | 560  |
| 30                           | 900  | 20                                    | 146   | 658  |
| 35                           | 1050 | 24                                    | 175   | 790  |
| 40                           | 1200 | 27                                    | 197   | 889  |
| 44                           | 1320 | 30                                    | 219   | 988  |
| 50                           | 1500 | 34                                    | 248   | 1119 |
| 56                           | 1680 | 38                                    | 277   | 1251 |
| 60                           | 1800 | 41                                    | 299   | 1350 |
| 64                           | 1920 | 43                                    | 314   | 1416 |
| 70                           | 2100 | 47                                    | 343   | 1547 |

### 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   |
| 31                           | 930  | 1 1/4 cups                            | 151   | 682  | 34.5                                  | 1035 |
| 37                           | 1110 | 1 1/2 cups                            | 182   | 819  | 41.2                                  | 1235 |
| 49                           | 1470 | 2 cups                                | 242   | 1091 | 54.6                                  | 1640 |
| 61                           | 1830 | 2 1/2 cups                            | 303   | 1364 | 68.0                                  | 2040 |
| 73                           | 2190 | 3 cups                                | 363   | 1637 | 81.4                                  | 2440 |
| 81                           | 2430 | FULL CAN                              | 400   | 1804 | 90.2                                  | 2705 |



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

Est'd 490 mOsm/kg ||

2.3 g PE/100 mL

~88.7% Free Water



**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.

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**How to Prepare**  
Refer to can label for full preparation instructions

**Important Preparation Information**

**Storage**

| 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                            | 120  | 3                                     | 21.9  | 99   | 4.5                                   | 135  |
| 8                            | 240  | 6                                     | 43.8  | 198  | 9.0                                   | 270  |
| 10.5                         | 315  | 8                                     | 58.4  | 263  | 11.9                                  | 355  |
| 12                           | 360  | 9                                     | 65.7  | 296  | 13.5                                  | 405  |
| 14.5                         | 435  | 11                                    | 80.3  | 362  | 16.4                                  | 490  |
| 16                           | 480  | 12                                    | 87.6  | 395  | 18.0                                  | 540  |
| 17                           | 510  | 13                                    | 94.9  | 428  | 19.2                                  | 575  |
| 20                           | 600  | 15                                    | 110   | 494  | 22.5                                  | 675  |
| 21                           | 630  | 16                                    | 117   | 527  | 23.7                                  | 710  |
| 24                           | 720  | 18                                    | 131   | 593  | 27.0                                  | 810  |
| 25                           | 750  | 19                                    | 139   | 626  | 28.2                                  | 845  |
| 28                           | 840  | 21                                    | 153   | 691  | 31.6                                  | 945  |
| 29                           | 870  | 22                                    | 161   | 724  | 32.7                                  | 980  |
| 31                           | 930  | 23                                    | 168   | 757  | 34.9                                  | 1045 |
| 32                           | 960  | 24                                    | 175   | 790  | 36.1                                  | 1080 |
| 35                           | 1050 | 26                                    | 190   | 856  | 39.4                                  | 1180 |
| 40                           | 1200 | 30                                    | 219   | 988  | 45.1                                  | 1350 |
| 44                           | 1320 | 33                                    | 241   | 1086 | 49.6                                  | 1485 |
| 50                           | 1500 | 38                                    | 277   | 1251 | 56.4                                  | 1695 |
| 56                           | 1680 | 42                                    | 307   | 1383 | 63.1                                  | 1895 |
| 60                           | 1800 | 45                                    | 329   | 1482 | 67.6                                  | 2030 |
| 64                           | 1920 | 48                                    | 350   | 1580 | 72.1                                  | 2165 |
| 70                           | 2100 | 53                                    | 387   | 1745 | 79.0                                  | 2370 |

## 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                           | 330  | 1/2 cup                               | 60.5  | 273  | 12.4                                  | 370  |
| 22                           | 660  | 1 cup                                 | 121   | 546  | 24.8                                  | 745  |
| 33                           | 990  | 1 1/2 cups                            | 182   | 819  | 37.2                                  | 1115 |
| 44                           | 1320 | 2 cups                                | 242   | 1091 | 49.6                                  | 1490 |
| 55                           | 1650 | 2 1/2 cups                            | 303   | 1364 | 62.0                                  | 1860 |
| 73                           | 2190 | FULL CAN                              | 400   | 1804 | 82.0                                  | 2460 |

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

Est'd 535 mOsm/kg ||

2.5 g PE/100 mL

~87.7% Free Water



## Based on an even starting volume of water:

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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.



## 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 7.3 grams powder and provides 32.9 kcal. 1 gram provides 4.51 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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**Contact our Medical Affairs team with questions:**  
**NutritionServices@Nutricia.com • (800)-365-7354**

Last Updated December 1, 2018

## Approximate Household Measures\*

Leveled and Unpacked

| 1 scoop <sup>†</sup> | 7.3 g  |
|----------------------|--------|
| 1 tsp (5 mL)         | 2.5 g  |
| 1 Tbsp (15 mL)       | 7.6 g  |
| ¼ cup (60 mL)        | 30.3 g |
| ⅓ cup (80 mL)        | 40.3 g |
| ½ cup (120 mL)       | 60.5 g |
| 1 cup (240 mL)       | 121 g  |

## Approximate Final Volume<sup>‡</sup>

| fl oz | mL   |
|-------|------|
| 6.8   | 205  |
| 9.7   | 290  |
| 10.9  | 325  |
| 13.7  | 410  |
| 16.5  | 495  |
| 17.7  | 530  |
| 19.4  | 580  |
| 20.5  | 615  |
| 21.7  | 650  |
| 26.2  | 785  |
| 27.4  | 820  |
| 28.6  | 855  |
| 31.9  | 955  |
| 33.1  | 990  |
| 34.2  | 1025 |
| 36.6  | 1095 |
| 41.1  | 1230 |
| 45.6  | 1365 |
| 50.3  | 1510 |
| 57.1  | 1715 |
| 63.9  | 1920 |
| 68.5  | 2055 |
| 73.0  | 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   |
| 5                            | 150  | 1/4 cup                               | 30.3  | 136  | 5.7                                   | 170  |
| 10                           | 300  | 1/2 cup                               | 60.5  | 273  | 11.4                                  | 340  |
| 20                           | 600  | 1 cup                                 | 121   | 546  | 22.8                                  | 685  |
| 30                           | 900  | 1 1/2 cups                            | 182   | 819  | 34.2                                  | 1025 |
| 40                           | 1200 | 2 cups                                | 242   | 1091 | 45.6                                  | 1370 |
| 66                           | 1980 | FULL CAN                              | 400   | 1804 | 75.2                                  | 2255 |

# Neocate® Junior, Tropical Dilution Chart

For Healthcare Professionals<sup>§</sup>

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

Est'd 580 mOsm/kg ||

2.7 g PE/100 mL

~86.6% Free Water



**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.



## 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 7.3 grams powder and provides 32.9 kcal. 1 gram provides 4.51 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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Last Updated December 1, 2018

## Approximate Household Measures\*

Leveled and Unpacked

**1 scoop<sup>†</sup> 7.3 g**

1 tsp (5 mL) 2.5 g

1 Tbsp (15 mL) 7.6 g

¼ cup (60 mL) 30.3 g

½ cup (80 mL) 40.3 g

¾ cup (120 mL) 60.5 g

1 cup (240 mL) 121 g

## Approximate Final Volume<sup>‡</sup>

6.3 190

7.5 225

11.5 345

12.7 380

13.9 415

15.0 450

17.9 535

23.0 690

24.2 725

25.4 760

26.6 795

27.7 830

28.9 865

30.1 900

34.6 1035

36.9 1105

38.1 1140

39.2 1175

41.6 1245

46.1 1385

50.8 1525

57.8 1735

64.6 1940

## 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                            | 180  | <b>1/3 cup</b>                        | 40.3  | 182  | 6.9                                   | 210  |
| 9                            | 270  | <b>1/2 cup</b>                        | 60.5  | 273  | 10.4                                  | 310  |
| 18                           | 540  | <b>1 cup</b>                          | 121   | 546  | 20.8                                  | 625  |
| 27                           | 810  | <b>1 1/2 cups</b>                     | 182   | 819  | 31.2                                  | 935  |
| 36                           | 1080 | <b>2 cups</b>                         | 242   | 1091 | 41.6                                  | 1250 |
| 60                           | 1800 | <b>FULL CAN</b>                       | 400   | 1804 | 69.4                                  | 2080 |

# Neocate® Junior, Tropical Dilution Chart

For Healthcare Professionals<sup>§</sup>

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

Est'd 600 mOsm/kg ||

2.8 g PE/100 mL

~86.2% Free Water



**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.

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**How to Prepare**  
Refer to can label for full preparation instructions

**Important Preparation Information**

**Storage**

| 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   |
| 8.5                          | 255  | 8                                     | 58.4  | 263  | 9.9                                   | 295  |
| 9.5                          | 285  | 9                                     | 65.7  | 296  | 11.0                                  | 330  |
| 10.5                         | 315  | 10                                    | 73.0  | 329  | 12.2                                  | 365  |
| 11.5                         | 345  | 11                                    | 80.3  | 362  | 13.4                                  | 400  |
| 12.5                         | 375  | 12                                    | 87.6  | 395  | 14.5                                  | 435  |
| 16                           | 480  | 15                                    | 110   | 494  | 18.5                                  | 555  |
| 17                           | 510  | 16                                    | 117   | 527  | 19.7                                  | 590  |
| 18                           | 540  | 17                                    | 124   | 560  | 20.9                                  | 625  |
| 19                           | 570  | 18                                    | 131   | 593  | 22.0                                  | 660  |
| 20                           | 600  | 19                                    | 139   | 626  | 23.2                                  | 695  |
| 21                           | 630  | 20                                    | 146   | 658  | 24.4                                  | 730  |
| 22                           | 660  | 21                                    | 153   | 691  | 25.6                                  | 765  |
| 23                           | 690  | 22                                    | 161   | 724  | 26.7                                  | 800  |
| 24                           | 720  | 23                                    | 168   | 757  | 27.9                                  | 835  |
| 25                           | 750  | 24                                    | 175   | 790  | 29.1                                  | 870  |
| 26                           | 780  | 25                                    | 183   | 823  | 30.2                                  | 905  |
| 32                           | 960  | 30                                    | 219   | 988  | 37.1                                  | 1110 |
| 36                           | 1080 | 34                                    | 248   | 1119 | 41.7                                  | 1250 |
| 40                           | 1200 | 38                                    | 277   | 1251 | 46.4                                  | 1395 |
| 44                           | 1320 | 42                                    | 307   | 1383 | 51.1                                  | 1535 |
| 48                           | 1440 | 46                                    | 336   | 1514 | 55.8                                  | 1675 |
| 50                           | 1500 | 47                                    | 343   | 1547 | 57.9                                  | 1740 |
| 56                           | 1680 | 53                                    | 387   | 1745 | 65.0                                  | 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   |
| 13                           | 390  | <b>3/4 cup</b>                        | 90.8  | 409  | 15.1                                  | 455  |
| 22                           | 660  | <b>1 1/4 cups</b>                     | 151   | 682  | 25.5                                  | 765  |
| 26                           | 780  | <b>1 1/2 cups</b>                     | 182   | 819  | 30.2                                  | 905  |
| 35                           | 1050 | <b>2 cups</b>                         | 242   | 1091 | 40.6                                  | 1220 |
| 44                           | 1320 | <b>2 1/2 cups</b>                     | 303   | 1364 | 51.0                                  | 1530 |
| 58                           | 1740 | <b>FULL CAN</b>                       | 400   | 1804 | 67.1                                  | 2010 |

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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‡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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Last Updated December 1, 2018

# Neocate® Junior, Tropical 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 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.



### 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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Last Updated December 1, 2018

### Approximate Household Measures\*

Leveled and Unpacked

| 1 scoop <sup>†</sup> | 7.3 g  |
|----------------------|--------|
| 1 tsp (5 mL)         | 2.5 g  |
| 1 Tbsp (15 mL)       | 7.6 g  |
| ¼ cup (60 mL)        | 30.3 g |
| ½ cup (80 mL)        | 40.3 g |
| ¾ cup (120 mL)       | 60.5 g |
| 1 cup (240 mL)       | 121 g  |

### Approximate Final Volume<sup>‡</sup>

| fl oz | mL   |
|-------|------|
| 15.7  | 470  |
| 16.9  | 505  |
| 18.0  | 540  |
| 19.2  | 575  |
| 20.4  | 610  |
| 21.5  | 645  |
| 22.7  | 680  |
| 31.4  | 940  |
| 32.6  | 975  |
| 33.7  | 1010 |
| 36.1  | 1080 |
| 37.2  | 1115 |
| 41.9  | 1260 |
| 43.1  | 1295 |
| 44.3  | 1330 |
| 46.6  | 1400 |
| 50.1  | 1505 |
| 51.3  | 1540 |
| 54.8  | 1645 |
| 55.9  | 1680 |
| 58.3  | 1750 |
| 61.8  | 1855 |
| 63.0  | 1890 |

### 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   |
| 8.5                          | 255  | 1/2 cup                               | 60.5  | 273  | 9.9                                   | 295  |
| 17                           | 510  | 1 cup                                 | 121   | 546  | 19.8                                  | 595  |
| 28                           | 840  | 1 2/3 cups                            | 202   | 910  | 32.7                                  | 980  |
| 34                           | 1020 | 2 cups                                | 242   | 1091 | 39.6                                  | 1190 |
| 42                           | 1260 | 2 1/2 cups                            | 303   | 1364 | 49.0                                  | 1470 |
| 56                           | 1680 | FULL CAN                              | 400   | 1804 | 65.4                                  | 1960 |



# Neocate® Junior, Tropical Dilution Chart

## For Healthcare Professionals<sup>§</sup>

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

Osmolality: 670 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 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.

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**How to Prepare**  
Refer to can label for full preparation instructions

**Important Preparation Information**

**Storage**

| 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                                     | 7.3   | 33   | 1.2                                   | 35   |
| 2                            | 60   | 2                                     | 14.6  | 66   | 2.3                                   | 70   |
| 3                            | 90   | 3                                     | 21.9  | 99   | 3.5                                   | 105  |
| 4                            | 120  | 4                                     | 29.2  | 132  | 4.7                                   | 140  |
| 5                            | 150  | 5                                     | 36.5  | 165  | 5.8                                   | 175  |
| 6                            | 180  | 6                                     | 43.8  | 198  | 7.0                                   | 210  |
| 7                            | 210  | 7                                     | 51.1  | 230  | 8.2                                   | 245  |
| 8                            | 240  | 8                                     | 58.4  | 263  | 9.4                                   | 280  |
| 11                           | 330  | 11                                    | 80.3  | 362  | 12.9                                  | 385  |
| 13                           | 390  | 13                                    | 94.9  | 428  | 15.2                                  | 455  |
| 15                           | 450  | 15                                    | 110   | 494  | 17.5                                  | 525  |
| 18                           | 540  | 18                                    | 131   | 593  | 21.0                                  | 630  |
| 21                           | 630  | 21                                    | 153   | 691  | 24.6                                  | 735  |
| 24                           | 720  | 24                                    | 175   | 790  | 28.1                                  | 840  |
| 29                           | 870  | 31                                    | 226   | 1021 | 34.2                                  | 1025 |
| 31                           | 930  | 33                                    | 241   | 1086 | 36.6                                  | 1095 |
| 32                           | 960  | 34                                    | 248   | 1119 | 37.7                                  | 1130 |
| 35                           | 1050 | 37                                    | 270   | 1218 | 41.3                                  | 1240 |
| 36                           | 1080 | 38                                    | 277   | 1251 | 42.4                                  | 1275 |
| 40                           | 1200 | 42                                    | 307   | 1383 | 47.1                                  | 1415 |
| 44                           | 1320 | 46                                    | 336   | 1514 | 51.8                                  | 1555 |
| 48                           | 1440 | 51                                    | 372   | 1679 | 56.6                                  | 1700 |
| 50                           | 1500 | 53                                    | 387   | 1745 | 59.0                                  | 1770 |

### 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   |
| 10.5                         | 315  | 2/3 cup                               | 80.7  | 364  | 12.4                                  | 370  |
| 21                           | 630  | 1 1/3 cups                            | 161   | 728  | 24.7                                  | 740  |
| 26                           | 780  | 1 2/3 cups                            | 202   | 910  | 30.7                                  | 920  |
| 31                           | 930  | 2 cups                                | 242   | 1091 | 36.6                                  | 1100 |
| 47                           | 1410 | 3 cups                                | 363   | 1637 | 55.4                                  | 1660 |
| 52                           | 1560 | FULL CAN                              | 400   | 1804 | 61.2                                  | 1835 |

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

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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

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

Last Updated December 1, 2018

# Neocate® Junior, Tropical 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                                     | 7.3   | 33   | 1.2                                   | 35   |
| 2                            | 60   | 2                                     | 14.6  | 66   | 2.3                                   | 70   |
| 3                            | 90   | 3                                     | 21.9  | 99   | 3.5                                   | 105  |
| 4                            | 120  | 4                                     | 29.2  | 132  | 4.7                                   | 140  |
| 5                            | 150  | 5                                     | 36.5  | 165  | 5.8                                   | 175  |
| 6                            | 180  | 6                                     | 43.8  | 198  | 7.0                                   | 210  |
| 7                            | 210  | 7                                     | 51.1  | 230  | 8.2                                   | 245  |
| 8                            | 240  | 8                                     | 58.4  | 263  | 9.4                                   | 280  |
| 9                            | 270  | 9                                     | 65.7  | 296  | 10.5                                  | 315  |
| 10                           | 300  | 10                                    | 73.0  | 329  | 11.7                                  | 350  |
| 11                           | 330  | 11                                    | 80.3  | 362  | 12.9                                  | 385  |
| 12                           | 360  | 12                                    | 87.6  | 395  | 14.0                                  | 420  |
| 13                           | 390  | 13                                    | 94.9  | 428  | 15.2                                  | 455  |
| 14                           | 420  | 14                                    | 102   | 461  | 16.4                                  | 490  |
| 15                           | 450  | 15                                    | 110   | 494  | 17.5                                  | 525  |
| 16                           | 480  | 16                                    | 117   | 527  | 18.7                                  | 560  |
| 17                           | 510  | 17                                    | 124   | 560  | 19.9                                  | 595  |
| 18                           | 540  | 18                                    | 131   | 593  | 21.0                                  | 630  |
| 19                           | 570  | 19                                    | 139   | 626  | 22.2                                  | 665  |
| 20                           | 600  | 20                                    | 146   | 658  | 23.4                                  | 700  |
| 21                           | 630  | 21                                    | 153   | 691  | 24.6                                  | 735  |
| 24                           | 720  | 25                                    | 183   | 823  | 28.2                                  | 845  |
| 29                           | 870  | 31                                    | 226   | 1021 | 34.2                                  | 1025 |
| 30                           | 900  | 32                                    | 234   | 1054 | 35.4                                  | 1060 |
| 32                           | 960  | 34                                    | 248   | 1119 | 37.7                                  | 1130 |
| 35                           | 1050 | 37                                    | 270   | 1218 | 41.3                                  | 1240 |
| 36                           | 1080 | 38                                    | 277   | 1251 | 42.4                                  | 1275 |
| 40                           | 1200 | 42                                    | 307   | 1383 | 47.1                                  | 1415 |
| 44                           | 1320 | 46                                    | 336   | 1514 | 51.8                                  | 1555 |
| 48                           | 1440 | 51                                    | 372   | 1679 | 56.6                                  | 1700 |
| 50                           | 1500 | 53                                    | 387   | 1745 | 59.0                                  | 1770 |
| 52                           | 1560 | <b>FULL CAN</b>                       | 400   | 1804 | 61.2                                  | 1835 |

## 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.

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 7.3 grams powder and provides 32.9 kcal. 1 gram provides 4.51 kcal and displaces ~0.70 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.

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

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

Last Updated December 1, 2018

# Neocate® Junior, Tropical Dilution Chart

For Healthcare Professionals<sup>§</sup>

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

Est'd 715 mOsm/kg ||

3.4 g PE/100 mL

~83.6% Free Water



## 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.

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**How to Prepare**  
Refer to can label for full preparation instructions

## Important Preparation Information

## Storage

| 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                            | 180  | 7                                     | 51.1  | 230  | 7.2                                   | 215  |
| 8.5                          | 255  | 10                                    | 73.0  | 329  | 10.2                                  | 305  |
| 9.5                          | 285  | 11                                    | 80.3  | 362  | 11.4                                  | 340  |
| 12                           | 360  | 14                                    | 102   | 461  | 14.4                                  | 430  |
| 13                           | 390  | 15                                    | 110   | 494  | 15.5                                  | 465  |
| 17                           | 510  | 20                                    | 146   | 658  | 20.4                                  | 610  |
| 18                           | 540  | 21                                    | 153   | 691  | 21.6                                  | 645  |
| 19                           | 570  | 22                                    | 161   | 724  | 22.7                                  | 680  |
| 20                           | 600  | 23                                    | 168   | 757  | 23.9                                  | 715  |
| 23                           | 690  | 27                                    | 197   | 889  | 27.6                                  | 825  |
| 24                           | 720  | 28                                    | 204   | 922  | 28.7                                  | 860  |
| 25                           | 750  | 29                                    | 212   | 955  | 29.9                                  | 895  |
| 26                           | 780  | 30                                    | 219   | 988  | 31.1                                  | 930  |
| 29                           | 870  | 34                                    | 248   | 1119 | 34.7                                  | 1040 |
| 30                           | 900  | 35                                    | 256   | 1152 | 35.9                                  | 1080 |
| 31                           | 930  | 36                                    | 263   | 1185 | 37.1                                  | 1115 |
| 32                           | 960  | 37                                    | 270   | 1218 | 38.3                                  | 1150 |
| 33                           | 990  | 38                                    | 277   | 1251 | 39.4                                  | 1185 |
| 34                           | 1020 | 40                                    | 292   | 1317 | 40.8                                  | 1225 |
| 36                           | 1080 | 42                                    | 307   | 1383 | 43.1                                  | 1295 |
| 40                           | 1200 | 47                                    | 343   | 1547 | 47.9                                  | 1440 |
| 44                           | 1320 | 51                                    | 372   | 1679 | 52.6                                  | 1580 |
| 46                           | 1380 | 54                                    | 394   | 1778 | 55.1                                  | 1655 |

## 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  | 2/3 cup                               | 80.7  | 364  | 11.4                                  | 340  |
| 18                           | 540  | 1 1/4 cups                            | 151   | 682  | 21.5                                  | 645  |
| 19                           | 570  | 1 1/3 cups                            | 161   | 728  | 22.7                                  | 680  |
| 25                           | 750  | 1 3/4 cups                            | 212   | 955  | 29.9                                  | 895  |
| 43                           | 1290 | 3 cups                                | 363   | 1637 | 51.4                                  | 1540 |
| 47                           | 1410 | FULL CAN                              | 400   | 1804 | 56.4                                  | 1690 |

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.

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†Dilutions are more accurate using weighed powder vs. scoops. Scoops should be level and unpacked. 1 level, unpacked scoop yields 7.3 grams powder and provides 32.9 kcal. 1 gram provides 4.51 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

Last Updated December 1, 2018

# Neocate® Junior, Tropical Dilution Chart

For Healthcare Professionals<sup>§</sup>

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

Est'd 760 mOsm/kg ||

3.6 g PE/100 mL

~82.5% Free Water



## 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.

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## 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

- Store unopened can at room temperature. Do not store at extreme temperatures.
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Last Updated December 1, 2018

## Approximate Household Measures\*

Leveled and Unpacked

| 1 scoop <sup>†</sup> | 7.3 g  |
|----------------------|--------|
| 1 tsp (5 mL)         | 2.5 g  |
| 1 Tbsp (15 mL)       | 7.6 g  |
| ¼ cup (60 mL)        | 30.3 g |
| ½ cup (80 mL)        | 40.3 g |
| ¾ cup (120 mL)       | 60.5 g |
| 1 cup (240 mL)       | 121 g  |

## Approximate Final Volume<sup>‡</sup>

| fl oz | mL   |
|-------|------|
| 4.8   | 145  |
| 9.7   | 290  |
| 11.5  | 345  |
| 12.7  | 380  |
| 14.5  | 435  |
| 16.4  | 490  |
| 19.4  | 580  |
| 23.1  | 690  |
| 24.2  | 725  |
| 25.4  | 760  |
| 27.9  | 835  |
| 29.1  | 870  |
| 30.2  | 905  |
| 32.7  | 980  |
| 33.9  | 1020 |
| 35.1  | 1055 |
| 37.6  | 1130 |
| 39.9  | 1200 |
| 42.4  | 1275 |
| 43.6  | 1310 |
| 46.1  | 1385 |
| 48.5  | 1455 |
| 52.1  | 1565 |

## 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   |
| 10                           | 300  | ¾ cup                                 | 90.8  | 409  | 12.1                                  | 365  |
| 20                           | 600  | 1 ½ cups                              | 182   | 819  | 24.2                                  | 725  |
| 23                           | 690  | 1 ¾ cups                              | 212   | 955  | 27.9                                  | 835  |
| 33                           | 990  | 2 ½ cups                              | 303   | 1364 | 40.0                                  | 1200 |
| 40                           | 1200 | 3 cups                                | 363   | 1637 | 48.4                                  | 1450 |
| 44                           | 1320 | FULL CAN                              | 400   | 1804 | 53.1                                  | 1590 |



# Neocate® Junior, Tropical Dilution Chart

For Healthcare Professionals<sup>§</sup>

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

Est'd 805 mOsm/kg ||

3.8 g PE/100 mL

~81.5% Free Water



## 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.



## 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 7.3 grams powder and provides 32.9 kcal. 1 gram provides 4.51 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

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Last Updated December 1, 2018

## Approximate Household Measures\*

Levelled and Unpacked

| 1 scoop <sup>†</sup> | 7.3 g  |
|----------------------|--------|
| 1 tsp (5 mL)         | 2.5 g  |
| 1 Tbsp (15 mL)       | 7.6 g  |
| ¼ cup (60 mL)        | 30.3 g |
| ⅓ cup (80 mL)        | 40.3 g |
| ½ cup (120 mL)       | 60.5 g |
| 1 cup (240 mL)       | 121 g  |

## Approximate Final Volume<sup>‡</sup>

| fl oz | mL   |
|-------|------|
| 1.8   | 55   |
| 3.7   | 110  |
| 5.5   | 165  |
| 7.4   | 220  |
| 9.2   | 275  |
| 11.0  | 330  |
| 12.9  | 385  |
| 14.7  | 440  |
| 16.5  | 495  |
| 18.4  | 550  |
| 20.9  | 625  |
| 22.1  | 660  |
| 24.6  | 735  |
| 25.7  | 770  |
| 28.2  | 845  |
| 29.4  | 880  |
| 31.9  | 960  |
| 33.1  | 995  |
| 35.6  | 1070 |
| 36.8  | 1105 |
| 39.3  | 1180 |
| 44.1  | 1325 |
| 49.1  | 1475 |

## 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   |
| 15.5                         | 465  | <b>1 1/4 cups</b>                     | 151   | 682  | 19.0                                  | 570  |
| 21.5                         | 645  | <b>1 3/4 cups</b>                     | 212   | 955  | 26.4                                  | 790  |
| 28                           | 840  | <b>2 1/4 cups</b>                     | 272   | 1228 | 34.3                                  | 1030 |
| 31                           | 930  | <b>2 1/2 cups</b>                     | 303   | 1364 | 38.0                                  | 1140 |
| 37                           | 1110 | <b>3 cups</b>                         | 363   | 1637 | 45.4                                  | 1360 |
| 41                           | 1230 | <b>FULL CAN</b>                       | 400   | 1804 | 50.1                                  | 1505 |

# Neocate® Junior, Tropical Dilution Chart

For Healthcare Professionals<sup>§</sup>

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

Est'd 850 mOsm/kg ||

4.0 g PE/100 mL

~80.5% Free Water



## 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.

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## 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 7.3 grams powder and provides 32.9 kcal. 1 gram provides 4.51 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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Last Updated December 1, 2018

## Approximate Household Measures\*

Leveled and Unpacked

**1 scoop<sup>†</sup>** **7.3 g**

1 tsp (5 mL) 2.5 g

1 Tbsp (15 mL) 7.6 g

¼ cup (60 mL) 30.3 g

½ cup (80 mL) 40.3 g

¾ cup (120 mL) 60.5 g

1 cup (240 mL) 121 g

## Approximate Final Volume<sup>‡</sup>

**4.3** **130**

**8.7** **260**

**11.2** **335**

**13.0** **390**

**15.5** **465**

**17.4** **520**

**19.9** **595**

**22.4** **670**

**23.6** **705**

**24.9** **745**

**26.1** **780**

**28.6** **855**

**31.1** **935**

**32.3** **970**

**33.6** **1010**

**34.8** **1045**

**36.1** **1085**

**37.3** **1120**

**38.4** **1155**

**39.8** **1195**

**42.3** **1270**

**43.5** **1305**

**44.8** **1345**

## 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>                          | 121   | 546  | 14.3                                  | 430  |
| 17.5                         | 525  | <b>1 1/2 cups</b>                     | 182   | 819  | 21.7                                  | 650  |
| 23                           | 690  | <b>2 cups</b>                         | 242   | 1091 | 28.6                                  | 860  |
| 29                           | 870  | <b>2 1/2 cups</b>                     | 303   | 1364 | 36.0                                  | 1080 |
| 35                           | 1050 | <b>3 cups</b>                         | 363   | 1637 | 43.4                                  | 1300 |
| 38                           | 1140 | <b>FULL CAN</b>                       | 400   | 1804 | 47.5                                  | 1425 |

# Neocate® Junior, Tropical Dilution Chart

For Healthcare Professionals<sup>§</sup>

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

Est'd 895 mOsm/kg ||

4.2 g PE/100 mL

~79.5% Free Water



**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.



**How to Prepare**  
Refer to can label for full preparation instructions

**Important Preparation Information**

**Storage**

| 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  | 10                                    | 73.0  | 329  | 8.2                                   | 245  |
| 8.5                          | 255  | 13                                    | 94.9  | 428  | 10.7                                  | 320  |
| 10.5                         | 315  | 16                                    | 117   | 527  | 13.2                                  | 395  |
| 11                           | 330  | 17                                    | 124   | 560  | 13.9                                  | 415  |
| 12.5                         | 375  | 19                                    | 139   | 626  | 15.7                                  | 470  |
| 13                           | 390  | 20                                    | 146   | 658  | 16.4                                  | 490  |
| 15                           | 450  | 23                                    | 168   | 757  | 18.9                                  | 565  |
| 17                           | 510  | 26                                    | 190   | 856  | 21.4                                  | 640  |
| 19                           | 570  | 29                                    | 212   | 955  | 23.9                                  | 715  |
| 21                           | 630  | 32                                    | 234   | 1054 | 26.4                                  | 790  |
| 22                           | 660  | 34                                    | 248   | 1119 | 27.7                                  | 830  |
| 23                           | 690  | 35                                    | 256   | 1152 | 28.9                                  | 870  |
| 24                           | 720  | 37                                    | 270   | 1218 | 30.3                                  | 910  |
| 25                           | 750  | 38                                    | 277   | 1251 | 31.4                                  | 945  |
| 26                           | 780  | 40                                    | 292   | 1317 | 32.8                                  | 985  |
| 27                           | 810  | 41                                    | 299   | 1350 | 33.9                                  | 1020 |
| 28                           | 840  | 43                                    | 314   | 1416 | 35.3                                  | 1060 |
| 29                           | 870  | 44                                    | 321   | 1449 | 36.4                                  | 1095 |
| 30                           | 900  | 46                                    | 336   | 1514 | 37.8                                  | 1135 |
| 31                           | 930  | 47                                    | 343   | 1547 | 38.9                                  | 1170 |
| 32                           | 960  | 49                                    | 358   | 1613 | 40.3                                  | 1210 |
| 33                           | 990  | 50                                    | 365   | 1646 | 41.5                                  | 1245 |
| 35                           | 1050 | 54                                    | 394   | 1778 | 44.1                                  | 1325 |

## 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   |
| 13.5                         | 405  | <b>1 1/4 cups</b>                     | 151   | 682  | 17.0                                  | 510  |
| 18                           | 540  | <b>1 2/3 cups</b>                     | 202   | 910  | 22.7                                  | 680  |
| 19                           | 570  | <b>1 3/4 cups</b>                     | 212   | 955  | 23.9                                  | 715  |
| 27                           | 810  | <b>2 1/2 cups</b>                     | 303   | 1364 | 34.0                                  | 1020 |
| 35                           | 1050 | <b>3 1/4 cups</b>                     | 393   | 1774 | 44.1                                  | 1325 |
| 36                           | 1080 | <b>FULL CAN</b>                       | 400   | 1804 | 45.1                                  | 1355 |

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 7.3 grams powder and provides 32.9 kcal. 1 gram provides 4.51 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

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

Last Updated December 1, 2018

# Neocate® Junior, Tropical Dilution Chart

For Healthcare Professionals<sup>§</sup>

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

Est'd 940 mOsm/kg ||

4.4 g PE/100 mL

~78.4% Free Water



**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.

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**How to Prepare**  
Refer to can label for full preparation instructions

**Important Preparation Information**

**Storage**

| 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 | 9                                     | 65.7  | 296  | 7.0                                   | 210  |
| 8                            | 240 | 13                                    | 94.9  | 428  | 10.2                                  | 305  |
| 10.5                         | 315 | 17                                    | 124   | 560  | 13.4                                  | 400  |
| 11                           | 330 | 18                                    | 131   | 593  | 14.0                                  | 420  |
| 13                           | 390 | 21                                    | 153   | 691  | 16.6                                  | 495  |
| 13.5                         | 405 | 22                                    | 161   | 724  | 17.2                                  | 515  |
| 14                           | 420 | 23                                    | 168   | 757  | 17.9                                  | 535  |
| 15.5                         | 465 | 25                                    | 183   | 823  | 19.7                                  | 590  |
| 16                           | 480 | 26                                    | 190   | 856  | 20.4                                  | 610  |
| 16.5                         | 495 | 27                                    | 197   | 889  | 21.1                                  | 630  |
| 18                           | 540 | 29                                    | 212   | 955  | 22.9                                  | 685  |
| 18.5                         | 555 | 30                                    | 219   | 988  | 23.6                                  | 705  |
| 19                           | 570 | 31                                    | 226   | 1021 | 24.2                                  | 725  |
| 19.5                         | 585 | 32                                    | 234   | 1054 | 24.9                                  | 745  |
| 21                           | 630 | 34                                    | 248   | 1119 | 26.7                                  | 800  |
| 22                           | 660 | 36                                    | 263   | 1185 | 28.1                                  | 845  |
| 24                           | 720 | 39                                    | 285   | 1284 | 30.6                                  | 920  |
| 25                           | 750 | 41                                    | 299   | 1350 | 31.9                                  | 960  |
| 26                           | 780 | 42                                    | 307   | 1383 | 33.1                                  | 995  |
| 27                           | 810 | 44                                    | 321   | 1449 | 34.4                                  | 1035 |
| 29                           | 870 | 47                                    | 343   | 1547 | 36.9                                  | 1110 |
| 31                           | 930 | 50                                    | 365   | 1646 | 39.5                                  | 1185 |
| 33                           | 990 | 54                                    | 394   | 1778 | 42.1                                  | 1265 |

## 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   |
| 13.5                         | 405  | <b>1 1/3 cups</b>                     | 161   | 728  | 17.2                                  | 515  |
| 17                           | 510  | <b>1 2/3 cups</b>                     | 202   | 910  | 21.7                                  | 650  |
| 18                           | 540  | <b>1 3/4 cups</b>                     | 212   | 955  | 22.9                                  | 685  |
| 23                           | 690  | <b>2 1/4 cups</b>                     | 272   | 1228 | 29.3                                  | 880  |
| 28                           | 840  | <b>2 3/4 cups</b>                     | 333   | 1501 | 35.7                                  | 1070 |
| 34                           | 1020 | <b>FULL CAN</b>                       | 400   | 1804 | 43.0                                  | 1290 |

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.

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Last Updated December 1, 2018



# Neocate® Junior, Tropical Dilution Chart

For Healthcare Professionals<sup>§</sup>

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

Est'd 1005 mOsm/kg ||

4.7 g PE/100 mL

~76.9% Free Water



## 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.



## 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.
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## Storage

- Store unopened can at room temperature. Do not store at extreme temperatures.
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Last Updated December 1, 2018

## Approximate Household Measures\*

Leveled and Unpacked

| 1 scoop <sup>†</sup> | 7.3 g  |
|----------------------|--------|
| 1 tsp (5 mL)         | 2.5 g  |
| 1 Tbsp (15 mL)       | 7.6 g  |
| ¼ cup (60 mL)        | 30.3 g |
| ⅓ cup (80 mL)        | 40.3 g |
| ½ cup (120 mL)       | 60.5 g |
| 1 cup (240 mL)       | 121 g  |

## Approximate Final Volume<sup>‡</sup>

| fl oz | mL   |
|-------|------|
| 5.9   | 175  |
| 11.0  | 330  |
| 11.7  | 350  |
| 12.4  | 370  |
| 16.9  | 505  |
| 17.6  | 525  |
| 18.2  | 545  |
| 18.9  | 565  |
| 22.1  | 660  |
| 22.7  | 680  |
| 23.4  | 700  |
| 24.1  | 720  |
| 24.7  | 740  |
| 25.4  | 765  |
| 27.3  | 820  |
| 28.6  | 860  |
| 29.9  | 900  |
| 31.3  | 940  |
| 33.8  | 1015 |
| 35.1  | 1055 |
| 36.5  | 1095 |
| 37.8  | 1135 |
| 39.0  | 1170 |

## 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 | <b>3/4 cup</b>                        | 90.8  | 409  | 9.1                                   | 275  |
| 12.5                         | 375 | <b>1 1/3 cups</b>                     | 161   | 728  | 16.2                                  | 485  |
| 14                           | 420 | <b>1 1/2 cups</b>                     | 182   | 819  | 18.2                                  | 545  |
| 21                           | 630 | <b>2 1/4 cups</b>                     | 272   | 1228 | 27.3                                  | 820  |
| 28                           | 840 | <b>3 cups</b>                         | 363   | 1637 | 36.4                                  | 1090 |
| 31                           | 930 | <b>FULL CAN</b>                       | 400   | 1804 | 40.1                                  | 1205 |