TABLE IV

Number Of Feedings Per Day, Average Intake, and Percent of Feeding With Spit Up, Vomiting And Spit Up And Vomiting During Baseline And Experimental Periods[1]

Parameter	Group/Formula	Baseline (Days 1–7)	Experimental (Days 1–8)
Number of feedings/day	Control	7.5 ± 0.2	7.3 ± 0.3
	B	7.4 ± 0.2	7.3 ± 0.3
	C	7.4 ± 0.3	7.1 ± 0.3
	D	7.2 ± 0.2	6.9 ± 0.2
Average Intake (ml/day)	Control	524 ± 19	568 ± 26
	B	556 ± 28	624 ± 32
	C	525 ± 21	605 ± 24
	D	551 ± 26	608 ± 21
% Feedings with Spit Up	Control	11.1 ± 2.0	13.3 ± 3.5
	B	17.0 ± 3.1	11.7 ± 2.1
	C	23.8 ± 4.3	15.0 ± 4.2
	D	11.5 ± 2.2	9.0 ± 1.8
% of Subjects with any Vomiting	Control	8.2 ± 2.9	2.0 ± 1.0
	B	4.1 ± 1.4	3.9 ± 2.9
	C	7.3 ± 2.6	3.6 ± 2.0
	D	4.8 ± 1.6	2.6 ± 1.0
% of Feedings with Spit Up or Vomit	Control	19.3 ± 3.5	15.3 ± 3.5
	B	21.0 ± 3.8	15.6 ± 3.3
	C	31.2 ± 5.1	18.6 ± 4.5
	D	16.3 ± 3.2	11.5 ± 2.3

[1]Mean ± standard error of the mean.

TABLE V

Weight Gain Of Infants During The Baseline And Experimental Periods[1]

Parameter	Group/Formula	Baseline (Days 1–7)	Experimental (Days 8–14)
Weight Gain (grams/day)	Control[2]	30.2 ± 2.7	31.1 ± 2.9
	B[3]	33.6 ± 2.6	34.4 ± 2.1
	C[4]	29.3 ± 2.8	30.9 ± 2.8
	D[5]	26.6 ± 2.4	34.1 ± 2.7

[1]Mean ± standard error of the mean.
[2]Number of infants: 44 baseline, 35 experimental.
[3]Number of infants: 43 baseline, 35 experimental.
[4]Number of infants: 39 baseline, 28 experimental.
[5]Number of infants: 44 baseline, 36 experimental.

TABLE VI

Subject Outcome By Feeding (n = 182)

	Formula			
Exit Status	Control	B	C	D
Successful Completion	29	33	28	35
Early Exit (Days 8–14)[1]	8	2	0	2
Baseline Exit (Days 1–7)	9	11	17	8
Percentage of Exits[2]	22	6	0	5
Total	46	46	45	45

[1]All due to formula intolerance or parental dissatisfaction except for one infant in the 1500 group.
[2]Percent = [early exits (days 8–14)/[successful completers ± baseline exits (days 1–7)]] × 100

What is claimed is:

1. A pediatric formula comprising, based on a 100 kcal basis: about 8 to about 16 grams carbohydrate, about 3 to about 6 grams lipid, about 1.8 to about 3.3 grams protein, and a tolerance improver, consisting of a single hydrocolloid which is selected from the group consisting of xanthan gum in the amounts of about 37 to 370 milligrams.

2. A pediatric formula as defined in claim **1** wherein the xanthan gum comprises from about 74 to about 222 milligrams.

3. A pediatric formula as defined in claim **1** wherein the xanthan gum comprises from about 111 to about 148 milligrams.

4. A pediatric formula as defined in claim **1** wherein the carbohydrate comprises from about 9.4 to about 12.3 grams.

5. A pediatric formula as defined in claim **1** wherein the lipid comprises from about 4.7 to about 5.6 grams.

6. A pediatric formula as defined in claim **1** wherein the protein comprises from about 15 2.4 to about 3.3 grams.

7. A pediatric formula as defined in claim **1** further comprising vitamins and minerals.

8. A pediatric formula as defined in claim **1** wherein the vitamins and minerals are selected from the group consisting of calcium, phosphorus, sodium, chloride, magnesium, manganese, iron, copper, zinc, selenium, iodine, Vitamins A, E, C, D, K and the B complex, and mixtures thereof.

9. A pediatric formula as defined in claim **1** wherein the lipid is selected from the group consisting of coconut oil, soy oil, corn oil, olive oil, safflower oil, high oleic safflower oil, MCT oil (medium chain triglycerides), sunflower oil, high oleic sunflower oil, palm oil, palm olein, canola oil, lipid sources of arachidonic acid and docosahexaneoic acid, and mixtures thereof.

10. A pediatric formula as defined in claim **1** wherein the protein comprises intact protein selected from the group consisting of soy based protein, milk based protein, casein protein, whey protein, rice protein, beef collagen, pea protein, potato protein, and mixtures thereof.

11. A pediatric formula as defined in claim **1** wherein the protein comprises hydrolyzed protein selected from the group consisting of soy protein hydrolysate, casein protein hydrolysate, whey protein hydrolysate, rice protein hydrolysate, potato protein hydrolysate, fish protein hydrolysate, egg albumen hydrolysate, gelatin protein hydrolysate, a combination of animal and vegetable protein hydrolysates, and mixtures thereof.

12. A pediatric formula as defined in claim **1** wherein the protein comprises free amino acids selected from the group consisting of tryptophan, tyrosine, cystine, taurine, L-methionine, L-arginine, and carnitine, and mixtures thereof.

13. A pediatric formula as defined in claim **1** wherein the carbohydrate is selected from the group consisting of hydrolyzed, intact, natural and chemically modified starches sourced from corn, tapioca, rice or potato in waxy or non waxy forms; sugars such as glucose, fructose, lactose, sucrose, maltose, high fructose corn syrup; and mixtures thereof.

14. A pediatric formula in a powdered form which comprises, based on 100 grams of powder, about 30 to about 90 grams carbohydrate, about 15 to about 30 grams lipid, about 8 to about 17 grams protein, and a tolerance improver consisting of a single hydrocolloid which is selected from the group consisting of xanthan gum in amounts of about 188 to about 1880 milligrams.

15. A pediatric formula as defined in claim **14** wherein the xanthan gum comprises from about 375 to about 1125 milligrams.

16. A pediatric formula as defined in claim **14** wherein the xanthan gum comprises from about 565 to about 750 milligrams.

17. A pediatric formula as defined in claim **14** wherein the carbohydrate comprises from about 48 to about 59 grams.

18. A pediatric formula as defined in claim **14** wherein the lipid comprises from about 22 to about 28 grams.