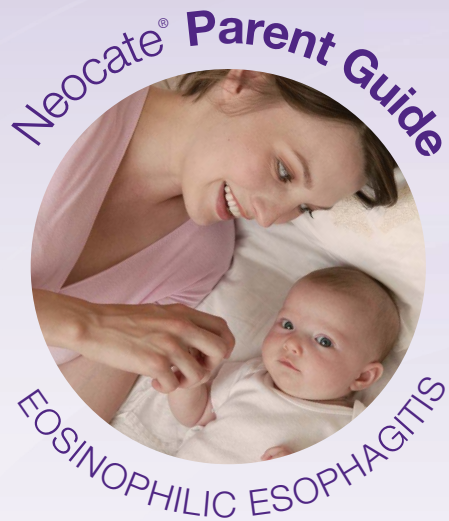




Neocate **Parent Guide**

Eosinophilic Esophagitis



Acknowledgement

Nutricia North America would like to thank Sally Ritz, RD, LD, Senior Clinical Nutritionist with the Department of Gastroenterology, Hepatology and Nutrition at Children's Memorial Hospital in Chicago, Illinois for her help and advice in the preparation of this resource guide.

Note

This book has been prepared as a resource guide for parents whose child has been recommended to use Neocate® for the dietary management of eosinophilic esophagitis. The dietary management of eosinophilic esophagitis can differ between individuals. As such, it is strongly recommended that this guide be used in consultation with a healthcare professional. All information provided in this guide is reflective of the most current and relevant recommendations regarding the dietary management of eosinophilic esophagitis with Neocate.

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General Information on Eosinophilic Esophagitis

What is Eosinophilic Esophagitis (EoE)?

EoE is characterized by the infiltration of a large number of eosinophils, a type of white blood cell, in the esophagus. Eosinophils travel to various structures of the body, primarily the digestive tract, and function to help fight different types of infections, such as parasites. However, eosinophils are not normally found in the esophagus. When they are present, this is an indication of inflammation, which may be due to food allergens (e.g. milk, soy, egg) or environmental allergens (aero-allergens).

Symptoms vary from one individual to the next and may differ depending on age. EoE symptoms may include vomiting, gastroesophageal reflux (that does not respond to acid production blockers), nausea, food aversion, growth failure (younger children), dysphagia (difficulty and/or pain swallowing), food impaction (food that gets stuck in the throat) and chest and abdominal pain (commonly seen in older individuals).

Diagnosis of this condition is made by endoscopy and biopsy. An endoscopy is a medical procedure that allows your doctor to look inside the digestive tract. A thin, flexible, lighted tube called an endoscope is guided into the mouth and throat, then into the esophagus, stomach and duodenum (beginning of the small intestine). The endoscope allows your doctor to view the inside of this area of the body, as well as to insert instruments through a scope for the removal of a sample of tissue for biopsy. The biopsy is reviewed under a microscope by your doctor to look for inflammation by counting the number of eosinophils.

Why Nutrition Management?

Nutrition Management helps determine if your child's EoE is due to food allergens or the environment (aero-allergens).



Most children respond favorably to dietary management. Nutrition management is the preferred form of management. Research has shown an 88-98% success rate (removal of eosinophils) with nutrition therapy.¹ Adult diet trials have shown positive results from use of dietary management as well.

The use of nutrition management in EoE allows healthcare professionals to find out which specific foods are causing the inflammation and remove them. The use of medication does not allow clinicians to discover the cause of inflammation. Medication improves symptoms, but they can reoccur once medications are stopped if the food that is causing the symptoms is still being consumed.

There are 2 primary forms of nutrition management for EoE:

1. Elemental diet: All sources of whole proteins are removed from the diet. This involves use of an amino acid-based product (Neocate[®] Infant, Neocate[®] Nutra, Neocate[®] Junior, Neocate[®] Junior with Prebiotics, Neocate[®] Splash or E028 Splash). Simple sugars, salt and oils may be permitted (100% apple juice, apples, white grape juice and sugar). Formulas such as Neocate Infant, Neocate Junior, Neocate Splash or E028 Splash may be given either by mouth or tube feeding depending on your child's nutritional needs. Neocate Nutra is a semi-solid that can be used as a supplement by mouth.

2. Elimination diet: Strict removal of foods tested positive through allergy tests or removal of one or more of the top 8 food allergens seen in children: milk, soy, egg, tree nut, peanut, wheat, fish and

shellfish. Elemental products (Neocate Infant, Neocate Nutra, Neocate Junior, Neocate Junior with Prebiotics, Neocate Splash or E028 Splash) may be used to supplement the restricted diet to meet 100% nutritional needs.

If your child has responded to nutrition management (either an elemental diet or elimination diet) with improvement of symptoms and/or decrease in eosinophils in the esophagus when checked on follow-up endoscopy, the next step would be food reintroduction using food trials.

Food reintroduction: Food trials involve adding back one food at a time to determine which specific foods are causing a reaction. Adding one food at a time for a period of weeks, monitoring for symptoms, and keeping track of foods introduced will help you determine which food(s) may be causing the inflammation. This process takes time. In a child that was on an elemental formula only, this may take months for her to return to a healthy diet. An elemental formula is used to ensure that the nutritional needs (vitamins, minerals and calories) of your child are being met. This will be important for optimal growth and development during this critical time. Please see the back of this guide for a sample table you can use when you start to reintroduce foods.

Whether your child is on an elemental diet, elimination diet or a combination of both, the Neocate family of products can be beneficial in meeting nutrient requirements and has been shown to improve EoE symptoms.

What is Neocate?

Neocate is a family of products effective in the nutrition management of cow/soy milk protein allergy, multiple food protein allergies and other food allergy related gastrointestinal (GI) tract impairments, including eosinophilic esophagitis.

Neocate is an amino acid-based family with products specifically developed to meet the growing needs of growing children. Neocate is for use under medical supervision so ask your child's healthcare professional about Neocate before use.

Neocate is:

- **Amino acid-based:** Amino acids are the non-allergenic building blocks for all proteins
- **Elemental:** Ingredients are in their simplest form so they are easier for the body to process and digest
- **Hypoallergenic:** Amino acid-based formulas like Neocate are less likely to cause an allergic response than other formulas
- **Nutritionally complete:** Neocate Infant, Neocate Junior, Neocate Junior with Prebiotics and Neocate Splash provide all of the essential nutrients needed to grow when consumed in adequate amounts
- **Tailored nutrition:** The Neocate family provides tailored nutrition for each stage of childhood

Neocate® Choices:

Tailored nutrition as children grow



Neocate Infant
DHA / ARA
0-12 months



Neocate Nutra
(semi-solid)
6 months +



Neocate Junior
(unflavored, tropical,
chocolate)
1 year +



Neocate Junior
with Prebiotics
(unflavored, strawberry, vanilla)
1 year +



Neocate Splash,
Unflavored
(ready-to-feed)
1 year +



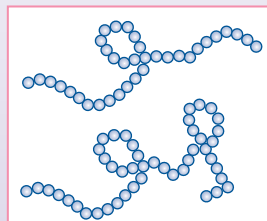
Neocate E028 Splash
(ready-to-drink; tropical fruit,
grape, orange-pineapple)
1 year +



What makes Neocate different from other formulas?

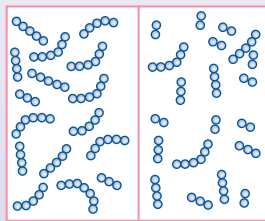
The type of protein used in Neocate makes it different from other products. Neocate is an amino acid-based product in which the proteins are in their most simple form, making it easier for the body to process and digest. Amino acids are non-allergenic and do not have any protein links to trigger an allergic reaction.

STANDARD FORMULAS COMPOSED OF WHOLE PROTEINS



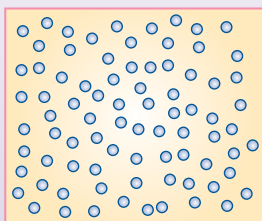
Derived from cow or soy milk protein

HYDROLYZED FORMULAS



Majority derived from milk protein

NEOCATE
AMINO ACID-BASED FORMULA



100% non-allergenic free amino acids

Our unique amino acid-based and milk-free formulation makes it different from other products. Neocate is the only hypoallergenic amino acid-based formula available in the US that does not contain soy oil.

Neocate is truly hypoallergenic; it was designed to minimize the possibility of an allergic response and contains no potential harmful allergens, such as milk.

Neocate's Family of Products

Some children might find it challenging to get used to a different diet. To help with diet compliance, Neocate is available in a variety of different flavors and forms suitable to meet your child's individual needs.

	Infants (0-12 months)	Infants & Children (6 months & older)	Children (1 year and older)			
Products	Neocate Infant DHA / ARA	Neocate Nutra	Neocate Junior	Neocate Junior with Prebiotics	Neocate Splash, Unflavored	E028 Splash
Forms	Powder - 400 g can	Powder - 400 g can	Powder - 400 g can	Powder - 400 g can	Liquid - 8 fl oz drink box	Liquid - 8 fl oz drink box
Flavors	Unflavored	Unflavored	Unflavored, Chocolate, Tropical	Unflavored, Vanilla, Strawberry	Unflavored	Grape, Tropical Fruit and Orange-Pineapple
Nutrients	Nutritionally complete and supports optimal growth	High in calcium and a good source of Vitamin D and iron	Nutritionally complete	Nutritionally complete	Nutritionally complete	To supplement essential nutrients in elimination diets
Features	DHA / ARA and nucleotides – important compounds naturally found in breast milk	Smooth, spoonable consistency to help add texture and variety into the diet	Formulated to meet specific nutrient needs of children over 1	Contains prebiotic fiber to help total gut health	Ideal for use when tube feeding, peelable opening, easy decanting	Convenient and ready-to-drink with variety of flavors to increase compliance

Frequently Asked Questions

When will I see an improvement after starting Neocate?

If your child has been experiencing allergy symptoms for some time, his or her condition may take time to improve. Severe allergies can cause inflammation and irritation to the affected areas. In a clinical trial, a Neocate elimination diet has been shown to start managing EoE within as little as two weeks.¹

How long will my child need Neocate?

There is no standard amount of time your child will need Neocate. It greatly varies per individual and depends on the amount and type of foods your child is able to tolerate. Your child's physician and/or dietitian will determine the amount of time Neocate is needed.

Will Neocate meet all of my child's nutritional needs?

Neocate Infant, Neocate Junior, Neocate Junior with Prebiotics and Neocate Splash have been formulated to meet the daily nutritional requirements of infants and children. For children with food restrictions or on elemental diets, fiber is often lacking. Neocate Junior with Prebiotics safely adds prebiotic fiber into the diet to help with overall gut health. Neocate Nutra and E028 Splash can supplement essential nutrients in children on elimination diets. If you are concerned that your child is not gaining weight or growing adequately, consult with your doctor and/or dietitian. Healthcare professionals will be able to assess if nutritional needs are being met and if dietary adjustments are necessary.

Neocate tastes and appears different than other formulas. Is this normal?

Yes, this is quite normal. The protein source in Neocate is different than milk-based or hydrolyzed formulas. The free amino acids give the product its characteristic taste and smell. Our Neocate family of products offers a wide variety of flavors and forms for children over the age of 1 to help with compliance. Our flavors include vanilla, strawberry, chocolate, tropical, grape, orange-pineapple, tropical-fruit and unflavored.

What is Neocate Nutra and how will it help with EoE?

Neocate Nutra is the only semi-solid amino-acid based medical food for children ages 6 months and older. Neocate Nutra makes a soft pudding-like consistency that adds texture and variety into the diet. Nutra can help with EoE by providing an allergen free food option for those on an elimination diet or elemental diet. **Note:** Neocate Nutra is not intended for bottle or tube feeding. Other foods or formula must be consumed for a complete diet.

Will my insurance company cover the cost of Neocate?

Insurance coverage will depend on your policy, as well as the state in which you reside. There are several states that mandate Neocate coverage. For an up-to-date listing of these states visit www.Neocate.com. Hints and tips for successful reimbursement are also available online. For one-on-one, personalized guidance on insurance coverage matters, call Nutricia Navigator at 1-800-365-7354 ext. 1200 or visit Nutricia-NA.com/NutriciaNavigator. Consult your doctor and/or insurance company to assist you with any specific questions you may have. For additional suggestions and helpful documents that may assist you in obtaining coverage, please contact our Nutrition Department at **1-800-Neocate** or www.Neocate.com.

Where can I purchase Neocate?

For low prices and free shipping Neocate can be ordered directly from Nutricia North America at www.Neocate.com or by calling **1-800-Neocate**. Neocate is also available to order through your local pharmacy.

Why is Neocate only available through the pharmacy and not on my grocery store shelf?

Neocate products are medical foods intended for use only under medical supervision and are typically recommended by a physician and requested by a pharmacist. These specialized nutritional products are generally represented and labeled solely to provide dietary management for specific diseases or conditions.

Always consult your doctor or dietitian if you have questions or concerns regarding your child's health.



Neocate Preparation and Nutrient Profile

How do I prepare Neocate Infant?

To make a standard dilution (20 cal/fl oz), add 1 unpacked level scoop (4.6 g) of powder to each fluid ounce of water. Only use the scoop provided. Use a gram scale for the most accurate results. Do not boil formula or use a microwave to prepare or warm formula.



1. Wash hands thoroughly and clean the preparation area.
2. Pour the required amount of cooled, boiled water into a sterilized feeding bottle.*
3. Add the prescribed amount of scoops of **Neocate Infant DHA/ARA** to the water.
4. Please the cap on the bottle and shake until the powder dissolves.



Important Preparation Information

Freshly prepared formula is best. Formula prepared in advance must be cooled rapidly, stored in the refrigerator and used within 24 hours of preparation. Formula remaining in the bottle after one hour of feeding should be discarded. Tube feeding hang time should not exceed 4 hours.

*Boiling is the preferred method for sterilizing water, bottles, nipples and mixing utensils.

Note: Instructions above do not apply to Neocate® DHA & ARA infant formula, available in Canada: Refer to can label for mixing instructions.

Directions for Preparation and Use:



Neocate Nutra

1. Fill the scoop provided with Neocate Nutra and level off with a clean, dry knife.
2. Add the recommended number of scoops of Neocate Nutra into a clean bowl.
3. Gradually add the required amount of water while stirring with a clean spoon. Mix to a spoonable consistency.

Neocate Nutra should be prepared immediately prior to feeding. Any prepared product remaining should be discarded if not used within 1 hour. Neocate Nutra can also be added to cooked dishes.

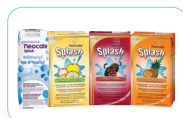
For recipes and details, visit www.Neocate.com. Please see product packaging for the most up-to-date instructions.

Note: Neocate Nutra forms a smooth, spoonable consistency when mixed with water. Neocate Nutra is for oral use only; not for bottle or tube feed. Not suitable as a sole source of nutrition.



Neocate Junior & Neocate Junior with Prebiotics

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. Cover and shake until the powder has dissolved.



Neocate Splash, Unflavored & E028 Splash

1. Shake before use.

Intake to be determined by a healthcare professional and is dependent on the age, body weight and medical condition of the patient. All formulas can be taken orally or tube fed. Not for parenteral use.

Do not use boiling water to prepare formula. Do not boil or microwave prepared formula.

Once prepared or opened, the formula should be stored in a refrigerator and kept no longer than 24 hours from the time of preparation. Shake or stir immediately before use. If taken orally, formula is best served chilled. Tube feeding hang time not to exceed 4 hours.

Storage:

Neocate Infant DHA/ARA: Cover and store open can in a cool dry place (not a refrigerator). Use within one month. Store unopened cans at room temperature. Avoid extreme temperatures.

Neocate Nutra: Store unopened cans in a cool, dry place. Once opened, reseal can and store in a cool dry place. Use within one month.

Neocate Junior and Neocate Junior with Prebiotics: Store unopened can at room temperature. Once opened, reseal can and store in a cool dry place (not in refrigerator) and use within one month of opening.

Neocate Splash, Unflavored and E028 Splash: Store unopened product in a cool dry place. Once opened, Splash should be stored in a refrigerator and kept no longer than 24 hours. Do not freeze Splash.



Nutrient Profile

NUTRIENTS per 100 kcal	Infant formula 0-12 months		Formula for individuals over 1 year						
	Neocate Infant DHA / ARA	Semi-solid food for 6 months & up Neocate Nutra	Neocate Junior with Prebiotics Vanilla	Neocate Junior with Prebiotics Strawberry	Neocate Junior and Neocate Junior with Prebiotics Unflavored	Neocate Junior Tropical and Chocolate	Neocate Splash Unflavored	E028 Splash Tropical Fruit, Grape, Orange-Pineapple	
Energy, kcal	100	100	100	100	100	100	100	100	
Protein Equivalent, g	2.8	1.7	3.5	3.4	3.3	3.5	3.0	2.5	
Fat, g	5.1	4.0	4.6	4.6	5.0	4.7	5.1	3.5	
Carbohydrate, g	10.8	14.3	11.2	11.3	10.4	11.0	10.5	14.6	
Fiber, g	0	0	0.41	0.40	0.40*	0	0	0	
Linoleic Acid, mg	738	681	501	500	549	510	291	264	
VITAMINS			VITAMINS						
Vitamin A, IU (mcg RE)	280 (84.1)	137 (41.0)	Vitamin A, IU (mcg RE)	200 (60.1)	204 (61.2)	200 (60.0)	200 (60.1)	200 (60.0)	117 (35.0)
Vitamin D ₃ , IU (mcg)	72.9 (1.8)	36.4 (0.9)	Vitamin D ₃ , IU (mcg)	79.3 (2.0)	79.3 (2.0)	79.5 (2.0)	79.8 (2.0)	80.0 (2.0)	31 (0.78)
Vitamin E, IU (mg α T.E.)	1.4 (0.94)	0.7 (0.5)	Vitamin E, IU (mg α T.E.)	2.1 (1.4)	2.1 (1.4)	2.1 (1.4)	2.1 (1.4)	2.1 (1.4)	0.82 (0.55)
Vitamin K, mcg	8.8	3.9	Vitamin K, mcg	4.2	4.1	4.0	4.3	4.0	1.5
Thiamin, mcg	140	67.4	Thiamin, mg	0.13	0.13	0.13	0.14	0.13	0.06
Riboflavin, mcg	110	52.8	Riboflavin, mg	0.20	0.20	0.20	0.20	0.20	0.07
Vitamin B ₆ , mcg	112	52.8	Vitamin B ₆ , mg	0.10	0.10	0.10	0.11	0.10	0.08
Vitamin B ₁₂ , mcg	0.27	0.10	Vitamin B ₁₂ , mcg	0.40	0.41	0.40	0.40	0.40	0.07
Niacin, mcg	1014	233	Niacin, mg	0.94	0.92	0.90	0.95	0.90	0.90
Folic Acid, mcg	13.3	5.8	Folic Acid, mcg	31.2	30.5	29.9	31.7	29.9	6.0
Pantothenic Acid, mcg	600	296	Pantothenic Acid, mg	0.41	0.41	0.40	0.42	0.40	0.24
Biotin, mcg	3.9	1.9	Biotin, mcg	3.0	3.1	3.0	3.0	3.0	2.0
Vitamin C, mg	10.7	4.9	Vitamin C, mg	9.7	9.5	9.3	9.9	9.3	3.1
Choline, mg	19.8	9.5	Choline, mg	31.2	30.5	29.9	31.7	29.9	18.3
Inositol, mg	22.4	10.3	Inositol, mg	22.9	22.4	22.0	23.3	22.0	1.8
MINERALS			MINERALS						
Calcium, mg	116	141.3	Calcium, mg	118	120	118	120	118	62
Phosphorus, mg	82.2	72	Phosphorus, mg	80.0	81.5	80.0	79.6	80.0	62
Magnesium, mg	10.6	4.4	Magnesium, mg	16.7	16.3	16.0	17.0	16.0	9.0
Iron, mg	1.5	1.3	Iron, mg	1.6	1.6	1.6	1.6	1.5	0.77
Zinc, mg	1.1	0.9	Zinc, mg	1.0	1.0	0.98	1.0	0.98	0.77
Manganese, mcg	41.4	65.7	Manganese, mg	0.14	0.13	0.13	0.14	0.13	0.10
Copper, mcg	84.9	65.7	Copper, mcg	116	113	111	118	100	100
Iodine, mcg	20.7	8.8	Iodine, mcg	18.6	18.2	17.8	18.9	17.8	6.0
Molybdenum, mcg	2.3	1.9	Molybdenum, mcg	4.7	4.6	4.5	4.8	4.5	3.5
Chromium, mcg	2.2	2.1	Chromium, mcg	3.9	3.8	3.8	4.0	3.8	3.0
Selenium, mcg	3	2.4	Selenium, mcg	4.0	4.1	4.0	4.0	4.0	1.5
Sodium, mg	39.1	8	Sodium, mg	50.1	51.0	50.0	50.0	50.0	20.0
Potassium, mg	109	<5.7	Potassium, mg	142	139	137	145	137	93
Chloride, mg	79.9	9.3	Chloride, mg	76.0	77.6	76.2	76.1	76.0	35.0
OSMOLALITY			OSMOLALITY						
Osmolality, mOsm/kg	340	N/A	Osmolality, mOsm/kg	650	630	550	630 Tropical 650 Chocolate	670	820

* Only for Neocate Junior with Prebiotics, Unflavored

Neocate Infant DHA / ARA Ingredients:

Corn Syrup Solids (54%), Refined Vegetable Oil (Medium Chain Triglycerides (8%), High Oleic Sunflower Oil (6%), Sunflower Oil (5%), Canola Oil (4%), Calcium Phosphate Dibasic (2%), and less than 2% of each of the following: L-Arginine L-Aspartate, L-Leucine, Tripotassium Citrate, L-Lysine Acetate, L-Glutamine, L-Proline, CAEM (an emulsifier), L-Valine, Glycine, L-Isoleucine, L-Threonine, L-Phenylalanine, L-Tyrosine, L-Serine, L-Histidine, L-Alanine, Sodium Chloride, L-Cystine, Magnesium Chloride, L-Tryptophan, Choline Bitartrate, L-Methionine, Tricalcium Citrate, Magnesium L-Aspartate, M. Alpina Oil*, C. Cohnii Oil**, M-Inositol, L-Ascorbic Acid, Taurine, Ferrous Sulfate, Zinc Sulfate, L-Carnitine, Uridine 5'-Monophosphate Disodium Salt, Cytidine 5'-Monophosphate, Niacinamide, Inosine 5'-Monophosphate Disodium Salt, Adenosine 5'-Monophosphate, Calcium D-Pantothenate, Guanosine 5'-Monophosphate Disodium Salt, DL-Alpha Tocopheryl Acetate, Ascorbyl Palmitate, Manganese Sulfate, Thiamine Chloride Hydrochloride, Pyridoxine Hydrochloride, Cupric Sulfate, Riboflavin, Vitamin A Acetate, DL-Alpha-Tocopherol, Potassium Iodide, Mixed Tocopherols, Folic Acid, Chromium Chloride, Phylloquinone, Sodium Selenite, Sodium Molybdate, D-Biotin, Vitamin D₃, Cyanocobalamin.

* A source of Arachidonic Acid (ARA),

** A source of Docosahexaenoic Acid (DHA)

Neocate Nutra Ingredients:

Corn Syrup Solids (42%), Rice Starch (19%), Refined Vegetable Oil (18%) (Non-Hydrogenated Coconut (6%), High Oleic Sunflower (6%), Canola (3%), Sunflower (3%)), Sugar (9%), Calcium Phosphate Tribasic (2%), contains 2% or less than each of the following: L-Arginine L-Aspartate, L-Leucine, L-Lysine Acetate, CAEM (An Emulsifier), L-Glutamine, L-Proline, L-Valine, Glycine, L-Isoleucine, L-Threonine, L-Phenylalanine, L-Tyrosine, L-Serine, L-Histidine, L-Alanine, L-Proline, L-Tryptophan, L-Methionine, Choline Bitartrate, Magnesium L-Aspartate, Magnesium Acetate, M-Inositol, L-Ascorbic Acid, Ferrous Sulfate, Taurine, Zinc Sulfate, L-Carnitine, DL-Alpha Tocopheryl Acetate, Calcium D-Pantothenate, Niacinamide, Manganese Sulfate, Cupric Sulfate, Thiamine Chloride Hydrochloride, Pyridoxine Hydrochloride, Riboflavin, Vitamin A Acetate, Potassium Iodide, Chromium Chloride, Folic Acid, Sodium Selenite, Sodium Molybdate, Phylloquinone, D-Biotin, Vitamin D₃, Cyanocobalamin.

Neocate Splash, Unflavored Ingredients:

Water (85%), Maltodextrin (6%), Sugar (5%), Refined Vegetable Oils (High Oleic Sunflower Oil (2.3%), Medium Chain Triglycerides (Modified Palm Kernel and/or Coconut Oil) (1.8%), Canola Oil (0.6%)), and less than 2% of each of the following: L-Arginine, Calcium Glycerophosphate, L-Lysine L-Aspartate, Microcrystalline Cellulose, L-Leucine, L-Phenylalanine, Tripotassium Citrate, Trisodium Citrate, Diacetyl Tartaric Acid Esters of Mono & Diglycerides, Mono and Diglycerides, L-Proline, L-Valine, Glycine, L-Isoleucine, N-Acetyl L-Methionine, Calcium Chloride, L-Threonine, Citric Acid, L-Histidine, L-Serine, L-Ascorbic Acid, Dipotassium Phosphate, L-Alanine, Magnesium Acetate, Choline Bitartrate, L-Tryptophan, L-Tyrosine, Cellulose Gum, M-Inositol, L-Cystine, Taurine, Ferrous Sulfate, L-Carnitine, Zinc Sulfate, DL-alpha Tocopheryl Acetate, Niacinamide, Calcium D-Pantothenate, Manganese Sulfate, Cupric Sulfate, Riboflavin, Thiamine Chloride Hydrochloride, Pyridoxine Hydrochloride, Vitamin A Palmitate, Folic Acid, Potassium Iodide, Chromium Chloride, Sodium Molybdate, Sodium Selenite, Phylloquinone, D-Biotin, Vitamin D₃, Cyanocobalamin.

E028 Splash Ingredients:

Water, Maltodextrin, Sugar, and 2% or less of each of the following ingredients: Fractionated Coconut Oil, Canola Oil, High Oleic Sunflower Oil, L-Arginine, L-Lysine L-Aspartate, Microcrystalline Cellulose, Calcium Glycerophosphate, L-Leucine, L-Phenylalanine, L-Proline, L-Valine, Glycine, L-Isoleucine, Mono and Diglycerides, Diacetyl Tartaric Acid Esters of Mono and Diglycerides, N-Acetyl L-Methionine, L-Threonine, Dipotassium Phosphate, L-Histidine, L-Serine, L-Alanine, Tripotassium Citrate, Fractionated Coconut Oil, Palm Kernel Oil, Magnesium Acetate, L-Tryptophan, Choline Bitartrate, Calcium Chloride, L-Tyrosine, Trisodium Citrate, L-Ascorbic Acid, Sodium Chloride, Artificial Sweetener: Acesulfame Potassium, L-Cystine, Taurine, Ferrous Sulfate, Zinc Sulfate, L-Carnitine, M-Inositol, Niacinamide, Manganese Sulfate, Cupric Sulfate, Calcium-D-Pantothenate, Pyridoxine Hydrochloride, Riboflavin, Vitamin A Palmitate, Thiamine Mononitrate, Chromium Sulfate, Sodium Molybdate, Potassium Iodide, Folic Acid, Sodium Hydrogen Selenite, D-Biotin, Phylloquinone, Vitamin D₃, Cyanocobalamin.

Grape flavored version of this product contains 2% or less of each of the following: Malic Acid, Artificial Flavor, Vitamin E Acetate.

Tropical Fruit flavored version of this product contains 2% or less of each of the following: Artificial Flavor, Citric Acid, Vitamin E Acetate.

Orange-Pineapple flavored version of this product contains 2% or less of each of the following: Artificial Flavors, Citric Acid, Corn Syrup Solids, Malic Acid, DL-alpha Tocopherol Acetate.

Neocate Junior Ingredients:

Corn Syrup Solids (52%), Refined Vegetable Oil (Palm Kernel and/or Coconut Oil (8%), Canola Oil (8%), High Oleic Safflower Oil (8%)), L-Arginine (2.4%), L-Glutamine (2.3%), L-Lysine L-Aspartate (2%), and less than 2% of each of the following: Tripotassium Citrate, Calcium Phosphate Dibasic, L-Leucine, L-Phenylalanine, L-Proline, Silicon Dioxide, L-Valine, Glycine, L-Isoleucine, N-Acetyl-L-Methionine, L-Threonine, Mono and Diglycerides, Sodium Chloride, L-Histidine, L-Serine, L-Alanine, Magnesium Acetate, Calcium Phosphate Tribasic, Choline Bitartrate, L-Tryptophan, L-Tyrosine, Diacetyl Tartaric Acid Esters of Mono and Diglycerides, M-Inositol, L-Ascorbic Acid, L-Cystine, Propylene Glycol Alginate, Taurine, Ferrous Sulfate, L-Carnitine, Zinc Sulfate, DL-Alpha Tocopheryl Acetate, Niacinamide, Calcium D-Pantothenate, Manganese Sulfate, Cupric Sulfate, Riboflavin, Thiamine Chloride Hydrochloride, Pyridoxine Hydrochloride, Vitamin A Acetate, Folic Acid, Potassium Iodide, Chromium Chloride, Sodium Molybdate, Sodium Selenite, Phylloquinone, D-Biotin, Vitamin D₃, Cyanocobalamin.

Tropical flavored version also contains: Artificial Flavor (5.2%), Citric Acid (3.2%), and less than 2% of the following: Artificial Sweetener: Acesulfame Potassium.

Chocolate flavored version also contains: Artificial Flavor (7.2%), Sugar (4.7%), and less than 2% of the following: Artificial Sweetener: Sucralose.

Neocate Junior with Probiotics Ingredients:

Corn Syrup Solids (51%), Refined Vegetable Oils (Palm Kernel and/or Coconut Oil (8%), Canola Oil (7.5%), High Oleic Safflower Oil (7.5%)), L-Arginine (2.4%), L-Glutamine (2.3%), L-Lysine L-Aspartate (2%), and less than 2% of each of the following: Tripotassium Citrate, Calcium Phosphate Dibasic, L-Leucine, L-Phenylalanine, Fructo-oligosaccharide, Inulin, L-Proline, Silicon Dioxide, L-Valine, Glycine, L-Isoleucine, N-Acetyl-L-Methionine, L-Threonine, Mono and Diglycerides, Sodium Chloride, L-Histidine, L-Serine, L-Alanine, Magnesium Acetate, Calcium Phosphate Tribasic, Choline Bitartrate, L-Tryptophan, L-Tyrosine, Diacetyl Tartaric Acid Esters of Mono and Diglycerides, M-Inositol, L-Ascorbic Acid, L-Cystine, Propylene Glycol Alginate, Taurine, Ferrous Sulfate, L-Carnitine, Zinc Sulfate, DL-Alpha Tocopheryl Acetate, Niacinamide, Calcium D-Pantothenate, Manganese Sulfate, Cupric Sulfate, Riboflavin, Thiamine Chloride Hydrochloride, Pyridoxine Hydrochloride, Vitamin A Acetate, Folic Acid, Potassium Iodide, Chromium Chloride, Sodium Molybdate, Sodium Selenite, Phylloquinone, D-Biotin, Vitamin D₃, Cyanocobalamin.

Vanilla and Strawberry flavored versions also contain: Sugar (8%), and less than 2% of the following: Artificial Flavor, Artificial Sweetener: Sucralose.

Strawberry flavored version also contains less than 2% of Citric Acid.

Eosinophilic Disorders: Food Reintroduction

When reintroducing foods, always follow the guidelines issued by your nutritionist. Using the charts on the following page, enter the food being used in trial, the dates the food was added and then subsequently removed from diet. Use the chart to track symptoms your child experiences while consuming that food. Please use the following coding system to describe the effect of each symptom:

- 0 Symptom is non-existent
- 1 Symptom is present
- 2 Symptom is present and disabling

To describe the frequency of a symptom, use the following scale to show how many hours each day your child suffers from the symptom:

- A 1 min-1/2 hour
- B ½ hour – 1 hour
- C 1 hour – 3 hours
- D 3 hours – 6 hours
- E 6 hours – 9 hours
- F Over 9 hours

Use the comments section to record any other pertinent information, such as impressions and weight changes (see next page).

Food:

Symptoms	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Abdominal Pain							
Cramps							
Diarrhea							
Gas							
Nausea							
Vomiting							
Cough/Wheezing							
Rash							
Food Stuck in Throat							
Other:							
Comments:							

Food:

Symptoms	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Abdominal Pain							
Cramps							
Diarrhea							
Gas							
Nausea							
Vomiting							
Cough/Wheezing							
Rash							
Food Stuck in Throat							
Other:							
Comments:							

Food:

Symptoms	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Abdominal Pain							
Cramps							
Diarrhea							
Gas							
Nausea							
Vomiting							
Cough/Wheezing							
Rash							
Food Stuck in Throat							
Other:							
Comments:							



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1. Markowitz JE. Elemental diet is an effective treatment for eosinophilic esophagitis in children and adolescents. *Am J Gastroenterol*, 2003.
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