

# **Product Category:** Perative®

Perative®





# Product Information: Perative®

# **Perative®**

# Therapeutic, Peptide-Based Nutrition for Metabolic Stress

PERATIVE is designed for metabolically stressed patients who can benefit from an enteral formula supplemented with arginine.



- 1 For tube feeding.
- 1 For supplemental or sole-source nutrition.
- 1 Use under medical supervision.
- 1 Calorically dense (1.3 Cal/mL) for the elevated energy needs of metabolically stressed patients.
- 1 High in protein (20.5% of calories) for the elevated protein needs of metabolically stressed patients.
- 1 Hydrolyzed, peptide-based protein for easier absorption. Well tolerated as a tube feeding. 1,2
- 1 1.6 g of NutraFlora® scFOS®\*/8 fl oz (6.5 g/L and 9.8 g/1500 mL). scFOS are prebiotic soluble fibers that stimulate the growth of beneficial bacteria in the colon.
- Added arginine (8 g/L total arginine at 2.5% of total calories) for wound healing and immune support.
- Meets or exceeds 100% of the RDI for 24 vitamins and minerals in 1500 Cal (1155 mL).
- Halal.
- 1 Kosher.
- 1 Gluten-free.
- 1 Suitable for lactose intolerance.
- 1 Low-residue.

## **Safety Precautions**

- 1 Not for IV use.
- 1 Not for people with galactosemia.
- Feeding sets are for single-patient use only. Use clean technique to avoid set and/or product contamination

## Ingredients

#### **Liquid Unflavored:**

Water, Corn Maltodextrin, Partially Hydrolyzed Sodium Caseinate, Whey Protein Hydrolysate, Canola Oil, Medium-Chain Triglycerides, Fructooligosaccharides, L-Arginine, Corn Oil, Magnesium Chloride, Potassium Citrate, Calcium Phosphate, Citric Acid, Soy Lecithin, Ascorbic Acid, Potassium Phosphate, Choline Chloride, Carrageenan, Potassium Chloride, Taurine, L-Carnitine, Zinc Sulfate, Ferrous Sulfate, dl-Alpha-Tocopheryl Acetate, Niacinamide, Calcium Pantothenate, Manganese Sulfate, Cupric Sulfate, Thiamine Chloride Hydrochloride, Pyridoxine Hydrochloride, Beta-Carotene, Riboflavin, Vitamin A Palmitate, Folic Acid, Biotin, Chromium Chloride, Sodium Molybdate, Potassium Iodide, Sodium Selenate, Phylloquinone, Cyanocobalamin, and Vitamin D3.

Allergens: Contains milk and soy ingredients.

#### **Availability**

List Number	Item				
50628	Perative / 8-fl-oz (237-mL) Can / 24 ct				
62721	Perative Ready-To-Hang / 1500-mL (1.6-QT) Bottle / 6 ct				
62723	Perative Ready-To-Hang / 1000-mL (1.1-QT) Bottle / 8 ct				



<sup>\*</sup> NutraFlora® and scFOS® are not registered trademarks of Abbott Laboratories.

<sup>&</sup>lt;sup>1</sup> Brown RO, et al. Pharmacotherapy 1994;14:314-320.

<sup>&</sup>lt;sup>2</sup> Henningfield MF, et al. FASEB J 1993;7(3):A377.

# **Nutrition Information - Liquid Unflavored**

Ziquia on	8 fl oz (237 mL)		1000 mL		1500 mL	
	Value	%RDI <sup>*</sup> /% DV	Value	%RDI <sup>*</sup> / % DV	Value	%RDI <sup>*</sup> / % DV
Nutrient Density, Cal/mL	1.3		1.3		1.3	
Protein, % Cal	20.5		20.5		20.5	
Fat, % Cal	25.0		25.0		25.0	
Carbohydrate, % Cal	54.5		54.5		54.5	
MCT:LCT	40:60		40:60		40:60	
Cal to Meet 100% RDIs	1500		1500		1500	
mL to Meet 100% RDIs	1155		1155		1155	
Total Cal:g Nitrogen	122:1		122:1		122:1	
Nonprotein Cal:g Nitrogen	97:1		97:1		97:1	
Osmolality, mOsm/kg H2O	460		460		460	
Renal Solute Load, mOsm/L	539		539		539	
Minimum Tube Size for Gravity/Pump Feeding (Fr)	10/8		10/8		10/8	
Protein, g	15.8		66.7		100.0	
Fat, g	8.8		37.3		56.0	
Carbohydrate, g	42.8		180.3		270.4	
Dietary Fiber, g	1.6 <sup>†</sup>		6.5 <sup>†</sup>		9.8 <sup>†</sup>	
L-Carnitine, mg	31		135		200	
Taurine, mg	31		135		200	
Water, g	187		790		1185	
Calories	308		1300		1950	
Vitamin A, IU	2055 <sup>‡</sup>	41	8675 <sup>‡</sup>	175	13005 <sup>‡</sup>	260
Beta-Carotene, mg	1.0		4.2		6.3	
Vitamin D, IU	83	21	350	87	525	130
Vitamin E, IU	9.3	31	40	135	60	200
Vitamin K, mcg	17	21	70	87	105	130
Vitamin C, mg	62	105	260	435	395	660
Folic Acid, mcg	125	31	520	130	785	195
Thiamin (Vitamin B1), mg	0.47	31	2.0	135	3.0	200
Riboflavin (Vitamin B2), mg	0.53	31	2.3	135	3.4	200
Vitamin B6, mg	0.62	31	2.6	130	3.9	195
Vitamin B12, mcg	1.9	32	7.9	130	12.0	200
Niacin, mg	6.2	31	27	135	40	200
Choline, mg	125	Not established	520	Not established	785	Not established
Biotin, mcg	93	31	395	130	590	195
Pantothenic Acid, mg	3.1	31	14	140	20	200
Sodium, mg	245	Not established	1040	Not established	1560	Not established



## **Nutrition Information - Liquid Unflavored**

	8 fl oz (237 mL)		1000 mL		1500 mL	
	Value	%RDI <sup>*</sup> /% DV	Value	%RDI <sup>*</sup> / % DV	Value	%RDI <sup>*</sup> /% DV
Sodium, mEq	10.7		45.2		67.8	
Potassium, mg	410	Not established	1735	Not established	2600	Not established
Potassium, mEq	10.5		44.4		66.7	
Chloride, mg	390	11	1650	49	2470	73
Chloride, mEq	11.0		46.6		69.8	
Calcium, mg	210	21	870	87	1305	130
Phosphorus, mg	210	21	870	87	1305	130
Magnesium, mg	83	21	350	87	525	130
lodine, mcg	31	21	135	90	200	135
Manganese, mg	1.1	55	4.4	220	6.5	325
Copper, mg	0.42	21	1.8	90	2.6	130
Zinc, mg	4.7	31	20	135	30	200
Iron, mg	3.7	21	16.0	89	24.0	135
Selenium, mcg	15	21	61	87	92	130
Chromium, mcg	25	21	105	87	160	135
Molybdenum, mcg	31	41	135	180	200	265

## **Liquid Unflavored Footnotes & References**

### Per 8 fl oz (237 mL)

\*RDI percentages for adults and children 4 or more years of age.

#### Per 1000 mL

\*RDI percentages for adults and children 4 or more years of age.

#### Per 1500 mL

\*RDI percentages for adults and children 4 or more years of age.



<sup>&</sup>lt;sup>†</sup>1.6 g of fructooligosaccharides.

<sup>&</sup>lt;sup>‡</sup>1325 IU of vitamin A activity supplied by 1.0 mg of beta-carotene.

<sup>&</sup>lt;sup>†</sup>6.6 g of fructooligosaccharides.

<sup>&</sup>lt;sup>‡</sup>5565 IU of vitamin A activity supplied by 4.2 mg of beta-carotene.

<sup>&</sup>lt;sup>†</sup>9.8 g of fructooligosaccharides.

<sup>&</sup>lt;sup>‡</sup>8350 IU of vitamin A activity supplied by 6.3 mg of beta-carotene.

# **Perative®**

#### Therapeutic, Peptide-Based Nutrition for Metabolic Stress

## **Preparation**

#### Instructions for Use: Ready-To-Hang Container

All liquid medical foods, regardless of type of administration system, require careful handling because they can support microbial growth. Follow these instructions for clean technique and proper setup to reduce the potential for microbial contamination. NOTE: Failure to follow the **Instructions for Use** increases the potential for microbial contamination and reduces hangtime.

- 1 Pump feeding is recommended; use an 8 Fr or larger tube. If gravity feeding use a 10 Fr or larger tube.
- 1 Administer product at room temperature.
- 1 THOROUGHLY wash hands with soap and water before handling container or feeding set.
- 1 Turn container upside down and SHAKE VIGOROUSLY, using a twisting motion for at least 10 seconds.
- 1 DO NOT touch any part of the container or feeding set that comes into contact with the formula.
- 1 When initiating feeding, follow physician's instructions. Adjust flow rate and volume according to patient's condition and tolerance.
- 1 Additional fluid requirements should be met by giving water between or after feedings or when flushing the tube.
- 1 Always follow directions for use provided with feeding set.

#### For Use with Enteral Feeding Set:

- 1 Remove the dust cover from the Abbott RTH Safety Screw Cap.
- 1 Remove the dust cover from the safety connector on the feeding set.
- Insert the safety connector into the port on the Abbott RTH Safety Screw Cap, completely pierce foil.
- 1 Turn the safety connector clockwise until it is securely fastened.
- 1 Close clamp on set before inverting container.
- 1 Invert container and suspend, using the hanging ring on the bottom of the container.
- Unless a shorter hang time is specified by the set manufacturer, hang product for up to 48 hours after initial connection when clean technique and only one new set are used. Otherwise hang for no more than 24 hours.

#### Instructions for Use: 8-fl-oz-can

- 1 Store unopened at room temperature; avoid extreme temperatures.
- Shake well. Perative is ready to use
- 1 Clean top of container thoroughly before opening.
- Once opened, cover, refrigerate and use within 48 hours.

#### Oral Feeding:

- 1 May by used for total or supplemental nutrition.
- 1 May be fed at room temperature or chilled.

#### Tube Feeding:

- 1 Follow physician's instructions.
- 1 Adjust flow rate and volume according to patient's condition and tolerance.
- 1 Feed by pump at room temperature with an 8 Fr or larger tube; use a 10 Fr or larger tube for gravity feeding.
- 1 Additional fluid requirements should be met by giving water between or after feedings or when flushing the tube.
- 1 Avoid contamination during preparation and use.

