



GENESTRA
BRANDS®

SunButyrate® Liquid



Comprehensive GI tract support with a proprietary, great-tasting butyrate form‡

- Features SunButyrate®, an innovative butyrate-rich triglyceride oil
- Promotes GI tract health and function, including gut barrier integrity, intestinal cytokine balance, bowel motility, and abdominal comfort‡
- Provides 875 mg of butyric acid per serving
- Designed to protect butyrate from degradation in the stomach for targeted delivery into the intestines
- Delicious natural blueberry-vanilla-flavored liquid can be taken alone or easily mixed into food or drinks

SunButyrate® Liquid was specifically designed to support the GI tract with SunButyrate®, a proprietary, butyrate-rich triglyceride oil. Butyrate is one of the most abundant short-chain fatty acids (SCFAs) in the colon, where it acts as a key energy source for colon cells. By promoting epithelial barrier integrity, bowel motility, cell differentiation and cytokine balance, butyrate provides important support to the intestines. Clinical trials have demonstrated that daily butyrate supplementation promotes intestinal comfort and function, including healthy GI motility and reduced bloating; however, its use is typically limited by poor palatability, odor and colonic absorption. SunButyrate® provides butyrate in a unique, highly palatable triglyceride form, which protects against premature degradation in the stomach and upper GI tract. While other forms demonstrate 70% breakdown in the stomach, GI models and *in vitro* studies reveal only 6-8% breakdown with SunButyrate®, in addition to this form maintaining over 90% integrity in the intestine. Available in a delicious natural blueberry-vanilla flavor, SunButyrate® Liquid can be taken alone or mixed into food or drinks for an easy way to support overall GI comfort and function.‡

SUPPLEMENT FACTS

Serving Size 1 Teaspoon (5 mL / 0.17 fl oz)
Servings per Container about 56

	AMOUNT PER SERVING	% DV
Calories	40	
Total Fat	5 g	6% [^]
Saturated Fat	1 g	5% [^]
SunButyrate® Butyrate Triglyceride	4,500 mg	*
Providing Butyric Acid	875 mg	*

* Daily value (DV) not established

[^] Percent daily values (DV) are based on a 2,000 calorie diet

Other ingredients: Natural flavors, mixed tocopherols concentrate (from sunflower oil), rosemary leaf extract

 SunButyrate® is a trademark used under license.

Recommended Dose

Take 1 teaspoon 1-3 times daily with meals or as recommended by your health professional.

Size
9.5 fl oz (280 mL)

Product Code
10396



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SunButyrate[®] Liquid

Better bioavailability compared to other leading professional brands**

Butyrate is typically produced in the colon. Oral butyrate salts are easily degraded by stomach acid, preventing delivery to the colon. SunButyrate's proprietary formulation is designed to protect butyrate from degradation in the stomach, maintaining optimal delivery to the small intestine.

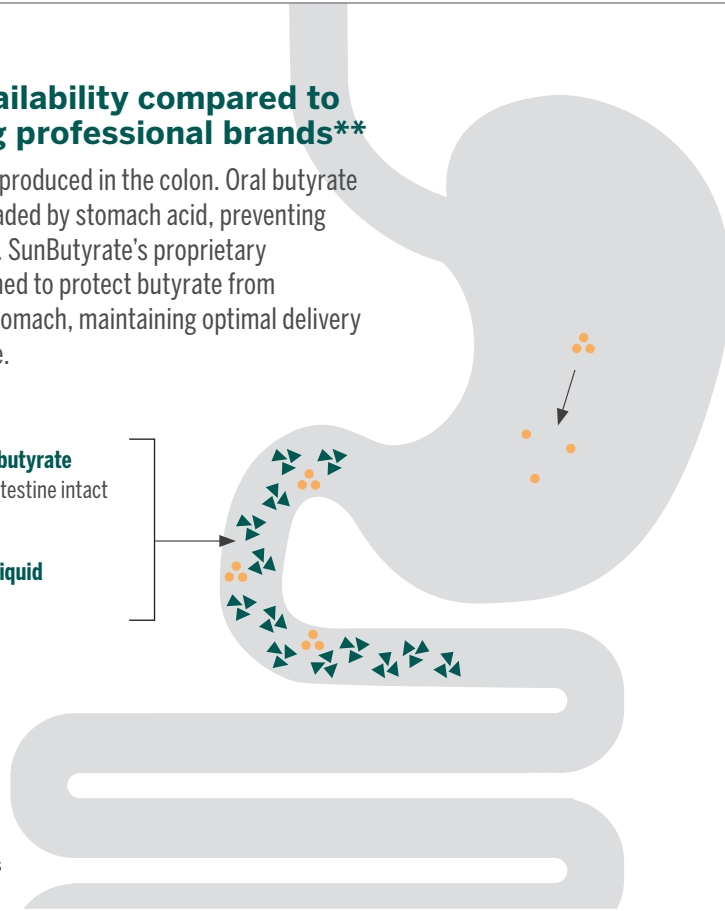
Only **30% of a common butyrate form** reaches the small intestine intact

vs.

90% of SunButyrate[®] Liquid for optimal utilization

 SunButyrate[®] Liquid

 Common Butyrate Forms



When taste matters

Oral butyrate salts have poor palatability and odor, which make for a challenging recommendation, often resulting in the use of other butyrate forms that break down in the stomach. SunButyrate[®] Liquid offers a great-tasting formula with improved delivery to the colon and features:

- ✓ A natural blueberry-vanilla flavor
- ✓ A light consistency derived from sunflower oil
- ✓ A highly palatable, versatile liquid that can be taken alone or mixed easily into food or beverages

POSTBIOTICS: The future of gut health?

Short-chain fatty acids (SCFAs), such as butyrate, are energy sources for the cells of the GI tract and are examples of POSTBIOTICS, which are metabolic by-products from probiotic microorganisms with biological activity.¹ Butyrate plays a major role in intestinal physiology, supporting both physical and biochemical protective barrier function, bowel motility, nutrient absorption, and immune activity of intestinal cells. It also promotes the proliferation, differentiation, and cellular renewal process.[‡]

Research suggests that SCFAs produced by intestinal bacteria activate key players in the regulation of energy metabolism in the gut, as well as healthy gene expression for mucin production, supporting tight-junction assembly, healthy mucous production, and a healthy intestinal barrier.[‡]



The Evidence for Butyrate

Promotes GI Motility, Abdominal Comfort, and Reduced Bloating^{2‡}

Clinical trials indicate that butyrate supplementation supports intestinal function and promotes healthy cytokine balance in the GI tract. In a 30-day trial involving 50 subjects, 1 g butyrate reduced bloating in 68% of subjects and was associated with improved scores for abdominal comfort, bloating, and flatulence.^{2‡}

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**As of 6/1/19 among leading professional brands.

REFERENCES:

1. Aguilar-Toala JE, et al. Postbiotics: An evolving term within the functional foods field. Trends in Food Sc & Tech. May 2018, 75: 105-114
2. Scarpellini E, Lauritano EC, Lupascu A, et al. 2017: 19-22.

[‡] These statements have not been evaluated by the Food and Drug Administration. This product is not intended to diagnose, treat, cure, or prevent any disease.