

Ignition Aid



Clinical Applications

- Provides Hydrochloric Acid to Help Maintain Gastric pH*
- Contains Factors to Promote Healthy Digestion, Especially of Dietary Protein*
- Supports Absorption of Certain Macro- and Micronutrients*
- Helps Maintain Normal Gastric Flora*

*Ignition Aid features a custom blend of ingredients used traditionally and clinically to promote gastric acidification. This formula is targeted to support a healthy digestive pH that, in turn, promotes overall digestive health.**

All Feed a Brain LLC Formulas Meet or Exceed cGMP Quality Standards

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Ignition Aid

Discussion

Ignition Aid is designed to support the gastric phase of digestion directly and provide stimulus for the excretion of pancreatic digestive juices in the small intestine. Adequate hydrochloric acid is fundamental to healthy protein digestion, nutrient availability, and the maintenance of normal gastric flora.^[1-3] There is a natural decline in the ability to produce hydrochloric acid, especially after the age of 60.^[1] There appears to be an even greater decline in pepsin production related to normal aging.^[4] Support of natural gastric secretions and acidity helps support normal digestion, absorption, and immune health.^[5] Maintaining an acidic pH in the stomach helps support normal gastric and intestinal flora as well.^{*[6-8]}

L- Glutamic Acid This amino acid can be obtained from dietary protein or synthesized endogenously from other amino acids, such as glutamine. L- glutamic acid is used in Ignition Aid as an acidifying agent.*

Betaine Hydrochloride (HCl) Betaine (also known as trimethylglycine) is a natural substance found in foods such as beets, spinach, and grains. Research suggests that betaine supports cell health by acting as a methyl donor, and this, in turn, supports healthy methionine, homocysteine, and hepatic fat metabolism. Betaine also functions as an osmolyte, which supports the integrity of cells and proteins during fluctuations in hydration, salinity, and temperature. Betaine HCl, the acidic form of betaine, has traditionally been used to support digestion and absorption due to its ability to lower gastric pH.^{*[9,10]}

Pepsin One of the first enzymes to initiate protein digestion, pepsin is first synthesized in the parietal cells of the gastric mucosa and secreted as the inactive zymogen precursor pepsinogen. Hydrochloric acid activates pepsinogen to convert it to pepsin once it is outside the cell. This activation sets up a chain reaction leading to the production of still more pepsin. Porcine pepsin, in addition to betaine HCl, is provided in Ignition Aid with the goal of promoting more endogenous pepsin production.^{*[4,6]}

Gentian Root (*Gentiana lutea*) Used for centuries to support healthy digestion, gentian contains the bitter glycosides gentiopicrin and amarogentin. Gentian's bitter taste can be detected even at a dilution level of 50,000:1. Gentian root appears to support digestion by stimulating secretion of saliva in the mouth, hydrochloric acid in the stomach, and digestive juices from the pancreas. Due to the stimulant effect that gentian root has on endogenous production of HCl, individuals may be able to discontinue Ignition Aid after a period of use.^{*[11-14]}

Ignition Aid is formulated with a variety of compounds and is designed to support gastric acidity, digestion, and normal gastrointestinal flora. Ignition Aid should be taken with, or immediately following a meal. Do not use if there is a prior history of, or a current complaint of, a peptic or duodenal ulcer.*

*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.



Supplement Facts

Serving Size: 1 Capsule
Servings Per Container: 180

	Amount Per Serving	%Daily Value
L-Glutamic Acid	350 mg	**
Betaine HCl	300 mg	**
Pepsin 1:10,000	20 mg	**
Gentian 4:1 Extract (<i>Gentiana lutea</i>)(root)	20 mg	**

** Daily Value not established.

Other Ingredients: Capsule (hypromellose and water), vegetable stearic acid, and silica.

Directions

Take one capsule with or immediately following meals, or as directed by your healthcare professional.

Consult your healthcare professional prior to use. Individuals taking medication should discuss potential interactions with their healthcare professional. Do not use if tamper seal is damaged.

Cautions

Do not use if there is a current complaint of a peptic or duodenal ulcer.

References

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Formulated To Exclude

Wheat, gluten, yeast, soy, dairy products, fish, shellfish, peanuts, tree nuts, egg, sesame, ingredients derived from genetically modified organisms (GMOs), artificial colors, and artificial sweeteners.

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