

Product Solutions Guide

VitalBlend™ is Balchem's line of functional nutritional powders for today's health-conscious consumer. VitalBlend™ is a portfolio of lipid-based powders available with either plant or dairy-based proteins that can be used to meet desired features and benefits to support your marketing claims. VitalBlend™ functional nutritional powders are enhanced with macro and micronutrients to boost consumers' health. Delight consumers by creating something nutritious and wonderful with our portfolio of innovative solutions suitable for a wide variety of applications. Please contact us today to learn more about our solutions and marketing insights to launch on-trend products that grow your brand.

Balchem Product Name	Target % Fat	SKU	Nutritional Highlights	Additional Benefits	Ingredients
VitalBlend™ Plant-based					
NEW! VitalBlend™ Oat 1703 NG	17	169381-50	High fiber Good source: zinc & potassium Excellent source: protein, calcium, vitamin A & D, folate, phosphorus, magnesium, iron	Blend of oat and chickpea protein Low opacity Prenatal & maternal health Digestive health + fiber Suitable in acidic to neutral pH applications Enhances mouthfeel	Tapioca maltodextrin, chickpea protein concentrate, coconut oil, soluble tapioca fiber, oat bran, calcium carbonate, salt, natural flavor, silicon dioxide, vitamin A palmitate, vitamin D3
VitalBlend™ Organic Pea XI	49	175394-40	Excellent source: protein, calcium, phosphorus, copper, zinc, iron	Organic Plant-based Protein Suitable in neutral pH applications Enhances viscosity, texture, and mouthfeel	Organic coconut oil, organic rice syrup solids, organic pea protein, sodium citrate, tricalcium phosphate, organic sunflower lecithin
VitalBlend™ Coconut 5001	50	175403-50	Low sodium Good source: vitamin D & potassium Excellent source: calcium & iron	Suitable in acidic to neutral pH applications Simple & clean label No added sugar Enhances mouthfeel	Coconut oil, acacia gum
VitalBlend™ Avocado IP II	50	175767-50	Low sodium Good source: magnesium Excellent source: calcium & iron	Suitable in acidic to neutral pH ranges Trending healthy fat Monounsaturated fats Unsaturated fats assist in cold water solubility Enhances mouthfeel	Avocado oil, acacia gum, silicon dioxide, sunflower lecithin, mixed tocopherols, rosemary extract, sunflower oil
VitalBlend™ Pea VI IP	50	175392-50	Good source: iron, phosphorus Excellent source: protein, fiber, calcium, selenium	Digestive health + prebiotic fiber Suitable in neutral pH ranges Clean label & High fiber Plant-based ingredients Enhances mouthfeel	Coconut oil, inulin, pea protein isolate, sodium citrate, sunflower lecithin, tricalcium phosphate.
NEW! VitalBlend™ Oat 5001 NG	50	175772-50	High in fiber Good source: potassium, zinc, iron Excellent source: protein, folate, magnesium, phosphorus	Low carb & lactose free Digestive health + prebiotic fiber Suitable in neutral pH ranges Enhances mouthfeel	Coconut oil, chickpea protein concentrate, tapioca maltodextrin, cocoa butter, oat bran, soluble tapioca fiber, silicon dioxide, salt, natural flavor

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VitalBlend™					
VitalBlend™ MCT 5000	51	175758-50	Low sodium Good source: vitamin B2, calcium, iodine Excellent source: potassium	Clean label Soy & corn free Dairy based protein Enhances mouthfeel	Medium-chain triglycerides, tapioca maltodextrin, nonfat dry milk, potassium citrate, silicon dioxide (flow agent)
VitalBlend™ Nutra Base NPH	52	19096-NPH-40	Good source: potassium, vitamin B1, zinc Excellent source: protein, vitamin B2, B12 & E, phosphorus	Low carb & lactose free Antioxidant properties Suitable in neutral pH ranges Enhances mouthfeel	High oleic sunflower oil, sodium caseinate (a milk derivative), mono & diglycerides, dipotassium phosphate, silicon dioxide, soy lecithin, tocopherols added to help protect flavor.
VitalBlend™ MCT NG XII	72	178726-50	Low sodium High fiber Good source: protein	Low carb & lactose free Keto friendly Heart & brain health benefits Digestive health + prebiotic fiber Stable in neutral pH applications Enhances mouthfeel	Medium-chain triglycerides, inulin, sodium caseinate (a milk derivative), silicon dioxide, sunflower lecithin
VitalBlend™ MCT NG	73	178703	Good source: phosphorus Excellent source: protein, vitamin B2 & B12	Low carb & lactose free Enhances mouthfeel	Medium-chain triglycerides, sodium caseinate (a milk derivative), silicon dioxide, sunflower lecithin
VitalBlend™ Coconut II	75	178326	Low sodium High fiber Good source: protein	Low carb & lactose free Keto friendly Digestive health + prebiotic fiber Suitable in neutral pH ranges Enhances mouthfeel	Coconut oil, inulin, sodium caseinate (a milk derivative), sunflower lecithin, silicon dioxide
VitalBlend™ Sunflower IP	75	178651-50	Low sodium High fiber Good source: protein Excellent source: vitamin E	Low carb & lactose free Antioxidant properties Digestive health + prebiotic fiber Suitable in neutral pH applications Enhances mouthfeel	High oleic sunflower oil, inulin, sodium caseinate (a milk derivative), sunflower lecithin, silicon dioxide, mixed tocopherols.
VitalBlend™ MCT 7510 NG	75	178734-50	Low sodium High fiber Good source: protein Excellent source: vitamin E	Low carb & lactose free Antioxidant properties Digestive health + prebiotic fiber Suitable in neutral pH ranges Enhances mouthfeel	Medium chain triglycerides, soluble tapioca fiber, sodium caseinate (a milk derivative), choline chloride, silicon dioxide, sunflower lecithin.
NEW! VitalBlend™ Olive 7500	75	178742-50	Low sodium High fiber Good source: protein Excellent source: vitamin E	Low carb & lactose free Digestive health + prebiotic fiber Cognitive support from choline Suitable in neutral pH ranges Enhances mouthfeel	Extra virgin olive oil, soluble corn fiber, sodium caseinate (a milk derivative), sunflower lecithin, silicon dioxide, tocopherols

We invite you to learn more about our capabilities and we are always intrigued to learn how we can better help our customers meet the growing needs of the food and beverage markets.

The Balchem® team is committed to providing our customers with the innovative products and support needed to succeed in today's dynamic market. Our technical team can help you create great tasting, on-trend concepts designed specifically for your target market.

Email us at hnh-marketing@balchem.com or visit www.balchem.com for more information.