

GI LiTE™ Premix GLYCEMIC INDEX REDUCER

PRODUCT DATASHEET

PRODUCT DESCRIPTION

GI LiTE™ Premix Glycemic Index Reducer is a proprietary blend of ingredients based on 4 common Asian foods meant for reducing the Glycemic response of carbohydrate-based foods. This formulation is easily added to create healthier bread, buns, and pizzas while minimizing changes in texture, taste, aroma and colour observed in the final product.

PRODUCT CODE

GI LiTE™ Premix

INGREDIENT

Ingredients	Weight* (%)
URAD DAL (<i>Vigna mungo</i>)	(40 - 70%)
FENUGREEK (DESHHELL) (<i>Trigonella fornum-graecum</i>)	(40 - 70%)
GUAR GUM (<i>Cyamopsis tetragonolobus</i>)	(10 - 40%)
OKRA (<i>Abelmoschus esculentus</i>)	(1 - 30%)

*Exact percentage/concentrations of composition are withheld as a trade secret.

Processed in a facility that also processes wheat.

PHYSICAL SPECIFICATION

APPEARANCE : Free flowing powder
PARTICLE SIZE : Greater than 80% through 40 Mesh

SENSORY CHARACTERISTICS

PRODUCT COLOUR : Ivory to beige
ODOUR : Mild vegetal odour
TASTE PROFILE : Mild vegetal taste

CHEMICAL PROPERTIES

PARAMETER	UNIT	TYPICAL VALUE	MIN	MAX
Moisture	g/100g	<10	-	15
Ash	g/100g	<2	-	5
Arsenic	mg/kg		-	1
Lead	mg/kg		-	2
Cadmium	mg/kg		-	1
Mercury	mg/kg		-	0.05

TYPICAL NUTRITIONAL INFORMATION (Based on 100 g material)

PARAMETER	UNIT	VALUE
Energy / Calories	kcal	362
Total Fat	g	1.4
Saturated Fat	g	1.1
Trans Fat	g	-
Cholesterol	mg	-
Carbohydrate	g	74.8
Dietary Fibre	g	48.7
Sugars	g	2.5
Protein	g	12.6
Sodium	mg	54

APPLICATIONS

To be used in conjunction with cereal-based food such as rice flour, wheat flour and corn flour or with non-cereal based food such as potato, cassava and sago to prepare a pre-mixed flour.

The pre-mixed flour can then be incorporated in ready-to-cook meals and frozen foods such as cakes, pizza doughs, noodles, biscuits, pastries, and especially in breads in order to reduce the food product's glycemic response when consumed.

RECOMMENDED DOSAGE :

Recommended dosage can range from 4% to 10% (dry weight basis) depending on the type of food product.

PRODUCT PERFORMANCE :

When suitably applied, GI LiTE™ Premix Glycemic Index Reducer can achieve Glycemic Index reductions of up to 40% compared to foods without GI LiTE™ Premix Glycemic Index Reducer.

PACKAGING SPECIFICATION

Multi wall paper bags with polyethylene (PE) inlay. Available in 20kg pack size. Keep bags tightly sealed in a cool and dry environment.

STORAGE CONDITION

Store in a clean, cool, and dry condition.

SHELF LIFE

Best before of product under recommended storage conditions:
36 months.

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