



# HEXAGON NUTRITION

Nutritionally Yours.....

Plot No. B 11, Phase I, MEPZ-SEZ, Tambaram, Chennai -600045, INDIA.

## SPECIFICATION

### Product Information

Page 1 of 2

Material Name : FORTIVIT-FF-390  
Product category: MICRONUTRIENT PREMIX  
Application : Wheat Flour

### Shelf Life

24 months from the date of manufacture under proper storage conditions.

### Dosage (Rate of Addition)

600g of premix per 1000 Kg of flour/ 60mg of premix per 100 g of flour

### Physical parameters

Parameters	SPECIFICATIONS
Appearance	Characteristic Fine colored powder
Taste & Odor	Characteristic
Moisture	NMT 8%
Identification	Should pass tests for Vitamin A, Thiamine, Riboflavin, Niacin, Vitamin B6, Folate, Vitamin B12, Iron & Zinc.
Particle Size	100% Passes through 60#

### Nutrient Composition and level per 60 mg of premix

Nutrient	Ingredients	Unit	Nutrient claim per 60 mg of premix	
			Target	Maximum
Vitamin A	Vitamin A Palmitate 250 CWS	mg	0.050	0.068
Thiamine	Thiamine Mononitrate	mg	0.460	0.575
Riboflavin	Riboflavin fine powder	mg	0.330	0.413
Niacin	Niacinamide	mg	3.000	3.750
Vitamin B6	Pyridoxine Hydrochloride	mg	0.300	0.375
Folate	Folic Acid	mg	0.110	0.138
Vitamin B12	Vitamin B12 0.1% Starch	mg	0.0010	0.0013
Iron	Ferric Sodium EDTA	mg	4.000	5.200
Zinc	Zinc Oxide	mg	4.000	5.200
Starch (as carrier)			(Q.S)	

### Microbial Analysis Requirements

Criteria	Limits
Total aerobic count	< 1000 CfU/g
Yeast and Moulds	< 100 CfU/g
Salmonella spp.	Negative in 25 g
Enterobacteriaceae	Negative in 1 g
Cronobacter sakazakii	Negative in 10 g

Prepared by  
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Heavy metals analysis

Criteria	Limits
Arsenic	NMT 1 ppm
Cadmium	NMT 0.1 ppm
Lead	NMT 3 ppm
Mercury	NMT 1 ppm

Allergens

ALLERGEN	STATUS	ALLERGEN	STATUS	ALLERGEN	STATUS
Nuts	X	Sesame seeds and products	X	Egg/Egg products	X
Crustaceans and products	X	Mustard and products	X	Peanuts and products	X
Lupin and products	X	Molluscs and products	X	Celery and products	X
Sulphur dioxide and sulphites	X	Soybeans and products	X	Fish and products	X
Milk and products (incl. Lactose)	X	Cereals containing gluten and products	X	"✓" = part of the recipe "X" = not a part of the recipe	

GMO Declaration

We hereby confirm that this material does not consist of genetically modified organism (GMO) and is neither derived from genetically modified raw ingredients nor manufactured with genetically modified materials.

Storage

Storage conditions: Store in a cool, dry and hygienic place. Protect from direct sunlight

Packaging Information

Primary packaging - 25 kg Tri Laminated Aluminium Pouch

Secondary Packaging -5 ply corrugated Shipper

Certification

Hexagon Nutrition (Exports) Pvt Ltd is FSSC 22000, ISO 9001:2015 Certified.

Country of Manufacture: India

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