



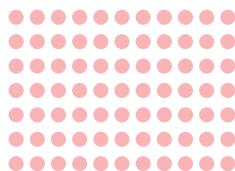
HEXAGON NUTRITION[®]

Nutritionally Yours.....



Better
Nutrition
Today for a
Healthier
Tomorrow!

www.hexagonnutrition.com



ABOUT HEXAGON NUTRITION

Hexagon Nutrition, founded in 1993 and headquartered in Mumbai, India, is a **leading, research-driven pure-play nutrition company** specializing in the development and marketing of micronutrient premixes, clinical nutrition solutions, and therapeutic products. Over the years, we have emerged as a prominent player in the global functional nutrition food segment, capitalizing on the increasing demand for specialized nutrition products.

With a deep focus on innovation, Hexagon Nutrition addresses key nutritional needs across diverse demographics, aiming to alleviate malnutrition and support daily health requirements. Our product portfolio spans three core verticals.

Micronutrient Premixes - Fortifying staple foods to improve nutrition at a mass scale

Clinical Nutrition - Health-focused supplements designed for clinical use

Therapeutic Nutrition - Ready-to-use foods like RUTF/RUSF for specialized needs

Operating in over 70 countries globally, we serve a broad market, with our products available across India and distributed to various international markets. Our integrated operations encompass the entire value chain, from **product development and research to manufacturing and marketing, ensuring that each product meets the highest standards of quality.**

Our **state-of-the-art manufacturing facilities** are located in Nashik, Chennai, and Thoothukudi (Tuticorin), India, as well as Tashkent, Uzbekistan.

Additionally, our robust research and development facilities in Nashik and Chennai enable us to continuously innovate and refine our offerings. This holistic approach, combined with our commitment to quality control, ensures that Hexagon Nutrition remains a trusted name in the nutrition industry. Through our **relentless focus on delivering high-quality nutritional solutions**, Hexagon Nutrition is proud to make a positive impact on global health, enhancing lives through better nutrition.





R&D and Food Testing
Lab, Nashik, India



Nashik, India



Chennai, India



Tuticorin, India



Tashkent City, Uzbekistan



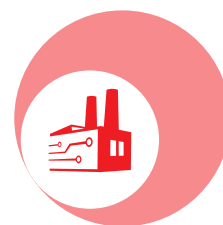
**30+ years of
quality**



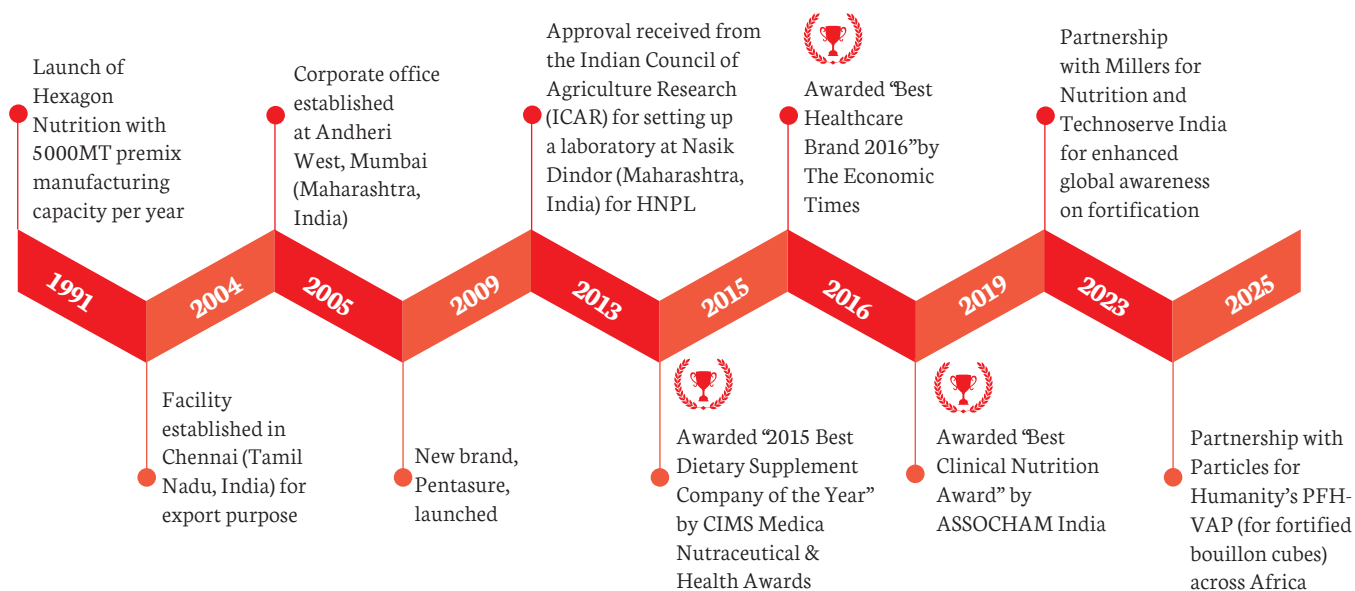
**Spread Over
70+ countries**



**500+
Formulations**



**Cutting Edge
facilities**



CERTIFICATES



FOOD SAFETY &
STANDARDS
AUTHORITY OF
INDIA



FOOD SAFETY
SYSTEMS
CERTIFICATION
22000:2013
FROM SGS, INDIA



ISO 9001
SYSTEM
CERTIFICATION



GMP
SYSTEM
CERTIFICATION



ISO 9001
SYSTEM
CERTIFICATION



OK
KOSHER
CERTIFICATE



HALAL
CERTIFICATION
Jamiat Ulama
E-Maharashtra
India



South African
Bureau of
Standards

Why Food Fortification Matters

In today's world, many people still struggle to get the essential nutrients their bodies need. Food fortification plays a crucial role in addressing:

Micronutrient Deficiencies, which can lead to serious health issues.

Poor Dietary Diversity, which leads to lack of balanced nutrition.

Limited Access to Nutritious Food, which makes it harder to have a wholesome diet.

Nutrient Loss During Processing, which means even 'eating right' is often not enough.

Inadequate Nutrition or 'hidden hunger' from lack of sufficient micronutrients.



Benefits of Food Fortification

Food fortification is a cost-effective strategy with demonstrated health, economic and social benefits. Despite ongoing debates globally and in some countries regarding the performance and safety of food fortification, the practice offers significant benefits across each of the main vehicles for food fortification ranging from reducing the prevalence of nutritional deficiencies and economic benefits to societies and economies.

Helps Maintain Nutrient Levels, and supports the body's stores of essential vitamins and minerals.

Reduces Risk of Deficiencies, especially for vulnerable populations like children, pregnant women and senior citizens.

Utilizes Staple Foods and enables them to become vehicles for better nutrition.

No Need to Change Eating Habits, as fortified foods look, taste, and cook the same as regular ones.

Cost-Effective Solution – a small investment with a big impact on public health.

Proven Safe, and backed by science and global health organizations.

Maintains Food Quality, without altering the flavour, texture, or appearance of food.

No Need to Change the Production Process while adding micronutrients.



Why Work With Us?

At Hexagon Nutrition, we work to make sure you benefit from good health.

Hexagon Nutrition is the result of faith, dedication, futuristic thinking and passion of a highly professional team of technocrats having proficient knowledge about nutrition.

We strive to improve the health status of individuals through our innovative nutritional products. Infallible and unparalleled service is provided to both domestic and international markets.

At Hexagon Nutrition, our mission is to nourish healthy lives globally by providing quality rich products. We ensure that quality is maintained at every step from procurement of raw material till the shipment of finished goods.

- We procure raw materials from known and certified suppliers.
- All our vendors are stringently audited.
- Each raw material is tested and approved prior to the manufacturing of the final product.

We stringently maintain the quality of the goods that we manufacture. The well-equipped labs with sophisticated instruments are highly utilized in maintaining the quality of the ingredients that we procure as well as the goods that we dispatch. All raw materials and final products are analyzed for their product specification and conformities.

Quality Beyond Perfection



Analysis



Evaluate



Improve



Process



Approval



Result



Customer

From the manufacturing process to testing facilities, everything is reinforced by standard regulatory bodies to ensure **SAFETY** and **QUALITY**



Our Business Verticals



MICRONUTRIENT PREMIXES

Custom blends of vitamins and minerals used in food products and programs around the world.



CLINICAL NUTRITION

Products that support and enhance the life of healthcare patients and consumers.



THERAPEUTIC FOODS

Specialised products that provide nutritional needs for those who are facing severe malnutrition.

Micronutrient Formulation Verticals

Our aim is to ensure the consumption of a balanced diet that is adequate in every nutrient.



Staple Formulations

Developed by our efficient R&D team in compliance with global standards for the fortification of staples like milk, oil, rice, salt, wheat flour and maize flour.



Therapeutic Foods

A type of nutrient-dense food used to treat acute malnutrition in children and pregnant women. We provide formulations designed as per WFP and UNICEF standards.



Individual Nutrients

We provide the best quality of single processed micronutrients which are used for various food, beverage, nutraceutical and pharmaceutical industry applications globally.



Customized Formulations

We formulate and develop customized formulations with the best ingredients to provide excellent end product delivery.

STAPLE FORMULATIONS



Maize Flour Fortification

Vitamin B9
Vitamin B12
Iron
Zinc

Fortification of Maize Flour Premix for world-wide consumption, for the premix industry. Whole maize is a good source of thiamin, pyridoxine and phosphorus, and a fair source of riboflavin, niacin, folate, biotin, iron and zinc. However, many of these nutrients are lost during milling. All of the above nutrients, along with vitamins A and E and calcium, can be easily added to maize flour or maize meal during the milling process.

*Customized micronutrient premix solutions can be formulated as per specific requirement.



Wheat / Refined Fortification

Iron

Ferrous citrate or Ferrous lactate or Ferrous sulphate or Ferric pyrophosphate or electrolytic iron or Ferrous fumarate or Ferrous BisGlycinate or *Sodium Iron (III) Ethylene diamine tetra Acetate Trihydrate (Sodium feredetate-Na Fe EDTA)*

Vitamin B12
Cyanocobalamine,
hydroxycobalamine
Folic Acid



Rice Fortification

Iron
Sodium Iron (III) Ethylene diamine or Ferric Pyrophosphate tetra Acetate Trihydrate (Sodium feredetate-Na Fe EDTA)
Vitamin B12

Oil Fortification

Vitamin A
Retinyl acetate or Retinyl Palmitate
Vitamin D
Cholecalciferol or Ergocalciferol



Milk Fortification

Vitamin A
Retinyl acetate or Retinyl Palmitate
Vitamin D
Cholecalciferol or Ergocalciferol



CUSTOMIZED FORMULATIONS

We formulate and develop customized formulations with best possible ingredients to provide excellent end product delivery. Currently, we are formulating over 5000+ formulations for various applications. Our R&D and innovation team works very closely with your technical team to create a successful product.



Bakery



Dairy



Sauces and Spreads



Clinical
Nutrition



Breakfast Cereals



Confectionery



Meat & Meat Products



Ice-Creams



Nutrition Bar





Beverages



Snacks and Savory



Malt Beverages



Vitamin Water



Noodles



Gummies



Sports Nutrition



Tea & Coffee Mixes



Nutrition Supplements



Functional Beverages



Hard boiled Candies



Seasonings





INDIVIDUAL NUTRIENTS

	NAME OF THE VITAMIN	INGREDIENT	FORMAT
VITAMIN A	Vitamin A	Vitamin A Palmitate 250 CWS	250,000IU/gm powder form
	Vitamin A	Vitamin A Acetate 325 CWS	325,000IU/gm powder form
	Vitamin A	Vitamin A Palmitate 1.7 MIU/g	17,00,000 IU/gm oil form
	Vitamin A	Beta-carotene 10% CWS	Powder form
	Vitamin A	Beta-carotene 30% oily	Oil form
VITAMIN D	Vitamin D2	Ergocalciferol	100 CWS Powder form
	Vitamin D2	Ergocalciferol	1 MIU/gm Oil form
	Vitamin D3	Cholecalciferol	100 CWS Powder form
	Vitamin D3	Cholecalciferol	1 MIU/gm Oil form
VITAMIN E	Vitamin E	Tocopheryl	Vitamin E Acetate 50% CWS
	Vitamin E	Tocopheryl	Vitamin E Acetate 98% oil form
VITAMIN B	Vitamin B1 - Thaimin	Thiamine mononitrate	Crytalline powder (100 % pass thro 60 mesh)
		Thiamine hydrochloride	Crystalline powder (100 % pass thro 60 mesh)
	Vitamin B2 - riboflavin	Riboflavin fine powder	Fine powder (100 pass thr 80 mesh)
		Riboflavin plain	Powder form
	Vitamin B3 - Niacin	Niacin	Crystalline powder (100 % pass thro 60 mesh)
		Niacinamide	Crystalline powder (100 % pass thro 60 mesh)
	Vitamin B5 - Pantothenic acid	Calcium-D-Pantothenate	Powder form (100 % pass thro 40 mesh)
	Vitamin B6	Pyridoxine hydrochloride	Crystalline powder (100 % pass thro 60 mesh)
	Vitamin B7 - Biotin	D-Biotin pure	Crystalline powder (90% pass thro 100 mesh)
		D-Biotin 2% starch	Fine powder (100% pass thro 40 mesh)
		D-Biotin 2% maltodextrin	Fine powder (90% pass thr 100 mesh)
		D-Biotin 1% starch	Powder form
		D-Biotin 1% maltodextrin	Fine powder (90% pass thro 100 mesh)
		D-Biotin 10% starch	Powder form
		D-Biotin 10% maltodextrin	Fine powder (90% pass thro 100 mesh)
		D-Biotin 50% starch	Powder form
		D-Biotin 50% maltodextrin	Fine powder (90% pass thro 40 mesh)
	Vitamin B9- Folic Acid	Folic acid	Crystalline powder (100 % pass thro 80 mesh)
		Folic acid 10% starch	Powder form
		Folic acid 10% maltodextrin	Powder form
	Vitamin B12 - cobalamin	Vitamin B12 pure	Crystalline powder
VITAMIN C	Ascorbic acid	Vitamin B12 0.1% Starch	Powder (100% pass thro 60 mesh)
		Vitamin B12 0.1% Maltodextrin	Powder (100% pass thro 80 mesh)
		Vitamin B12 1% starch	Powder (100% pass thro 60 mesh)
		Vitamin B12 1% maltodextrin	Powder (100% pass thro 60 mesh)
VITAMIN K1	Vitamin K1	Ascorbic acid plain	100% powder
		Ascorbic acid fine	Min. 95% pass thro 100 mesh
		Ascorbic acid coated	Powder form
		Sodium Ascorbate	Powder form



MINERALS	SALTS	FORMAT
Iron	Electrolytic Iron Powder Ferrous Fumarate Ferrous Fumarate 60% Ferrous Sulphate Ferric Pyrophosphate 24% INS Ferric Pyrophosphate White Ferric pyrophosphate Micronized	Fine powder (100% pass thro 100 mesh) Powder (100% pass thro 100 mesh) Powder (100% pass thro 80 mesh) Powder (100% pass thro 80 mesh) Powder (100% pass thro 40 mesh) Powder (100% pass thro 40 mesh) Powder form
Calcium	Ferric Sodium EDTA Di Calcium Phosphate Tri Calcium Phosphate Calcium lactate anhydrous Calcium Lactate Pentahydrate Calcium Carbonate	Crystalline powder (100% pass thro 100 mesh) Powder (100% pass thro 80 mesh) Powder (100% pass thro 80 mesh) Crystalline powder Crystalline fine powder Crystalline fine powder (100% pass thro 80 mesh)
Zinc	Zinc Oxide Zinc Sulphate Monohydrate Zinc Citrate Dihydrate	Fine powder (100% pass thro 100 mesh) Crystalline powder (100% pass thro 40 mesh) Granular powder (100% pass through 60 mesh)
Potassium	Mono Potassium Phosphate Di Potassium Phosphate Potassium Chloride Tri Potassium Citrate	Crystalline powder or crystals (100% pass thro 40 mesh) Powder form Crystalline powder or crystals (99% pass thro 40 mesh) crystals or granular powder (100% pass thro 40 mesh)
Magnesium	Magnesium Sulphate Monohydrate Magnesium Oxide Tri Magnesium Citrate anhydrous	crystal or a granular crystalline powder. Bulky Powder (100% pass thro 80 mesh) Fine crystalline or granular powder (100% pass thro 40 mesh)
Manganese	Manganese Suphate Monohydrate	Granular powder (100% pass thro 40 mesh)
Sodium	Sodium Chloride Sodium Citrate anhydrous	Crystalline (100% pass thro 40 mesh) Crystalline powder or crystals (100% pass thro 40 mesh)
Copper	Copper Sulphate Anhydrous Copper sulphate pentahydrate Copper Gluconate	Fine Powder (100% pass thro 80 mesh) Crystalline powder (100% pass thro 80 mesh) Fine powder (100% pass thro 80 mesh)
Iodine	Potassium Iodide Potassium iodide 10% starch Potassium iodide 10% maltodextrin Potassium Iodate	Crystals or granular powder (60% pass thro 60 mesh) Powder form Granular powder (90% pass thro 60 mesh) Powder form
Selenium	Sodium Selenite anhydrous Sodium Selenite 1% maltodextrin Sodium Selenite 1% Starch Sodium Selenite 10% maltodextrin Sodium selenite 10% starch Sodium selenate anhydrous	White powder or colourless crystals (100% pass through 60#) Powder (100% pass through 60 mesh) Powder form Powder form Crystalline powder (100% pass thro 60 mesh) White powder or colorless crystals (100% pass through 60#)
Molybdenum	Sodium Molybdate Dihydrate Sodium Molybdate 10% starch Sodium Molybdate 10% maltodextrin	Powder form Powder form Powder form
Chromium	Chromium Chloride 10% with starch Chromium Chloride 10% with Maltodextrin Chromium Chloride 1% with starch Chromium Chloride 1% with Maltodextrin Chromium chloride hexahydrate Chromium picolinate	Powder form Crystalline powder (99% pass thro 60 mesh) Powder form Crystalline powder (99% pass thro 60 mesh) Powder form Powder (100% pass thro 80 mesh)



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