## Trusted micronutrient premixes

The perfect combination makes all the difference



## **Micronutrient** premixes for every stage of life

## **Micronutrients** for a healthy life Creating unique solutions for healthy products is what we do

Our core business is the development of high quality vitamin and mineral premixes to fortify products of the global food, beverage and supplement industry. These micronutrient blends are designed to meet health and lifestyle trends, and are tailored to customers' product parameters and manufacturing processes.

### We are uniquely positioned to deliver customised micronutrients for your products

As a subsidiary of the independent, ownerrun Stern-Wywiol Gruppe we have access to the accumulated know-how of around 150 R&D specialists in 7 Stern-Technology Center around the globe.

> We texture tast Stabilising and Texturin planteneers Functional System for Plant-based olbrichtarom Flavourings and Citrus Peel Pastes sternlife Foods HERZ

> > Pieces

Our customers benefit from the creativity, flexibility and experience of our scientists and technologists, our unique service and our intuitive feel for customer needs.



## **Our premixes**

## Each micronutrient premix is customised for your product

We understand your challenges when it comes to developing a unique product as we have different experts for each market segment. They support you from ideation to implementation of your micronutrient-fortified product. We ensure that our premixes are economical, have optimum processing properties and are of the highest quality.

### Our service for all aspects of customised micronutrient premixes



### Individual customer wishes

In talks with you, we identify your wishes and specifications for the products. Here we see ourselves as a source of fresh impetus. We support you in conjunction with innovations, concept ideas, improved formulations or me-too products.



### Product development

We are completely familiar with your requirements, develop your individual formulation and deliver fast, flexible and application-specific solutions.



### Demand-oriented raw material selection

Benefit from our extensive know-how on the properties and interactions of raw materials. We create premixes with a wide range of different raw materials such as vitamins, minerals, trace elements, amino acids, functional plant extracts, vitamin-like substances, nucleotides and fatty acids.



### Application advice from ideas to finished products

Our application experts offer you sound and comprehensive advice – from the product idea to the finished product.

### Micronutrient laboratory

In our fully equipped vitamin laboratory we test and analyse your individual formulations. In addition, we work with accredited laboratories to guarantee the highest quality.



### Flexible partner

We stand for all-round service, have a global presence and are happy to advise you locally.

We stand for all-round service and customised premixes that have consumer needs in mind.

## Your product

### We add value to your product

With our premix product series numerous different foods can be fortified with micronutrients. All premixes are developed individually for your product. Put the finishing touches to your products – with the healthy extra from SternVitamin.

### **Beverages: SternVit BV**

Juices, fitness and energy drinks are refreshing, taste good and are perfect for fortification with micronutrients. The individually developed premixes from the SternVit BV series deliver added health value to beverages and cater for market trends. This gives our customers an edge in the marketplace.

### Food supplements: SternVit FS

The market for food supplements is diverse and dynamic. Products like capsules, soluble tablets, gums and special foods for athletes demand tailor-made micronutrient premixes with vitamins and minerals. Our SternVit FS premixes meet all the requirements of different supplement applications, food trends and target groups.

### Dairy products: SternVit DP

Functional milk products, enriched with the right vitamins and minerals for each target group, cater for customers' needs for healthy products. Milkshakes or yoghurt drinks are just some application examples of our SternVit DP premixes.

### Bakery products: SternVit BP

In response to the ongoing health trend, the fortification of bread and bakery products with micronutrients has proved very popular. Some vitamin-mineral mixes have a very high impact on the baking result and we have the expertise to achieve an optimum result in the end product.

### **Cereals: SternVit CR**

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Fortified cereals have become increasingly popular for breakfast or as a snack between meals. Our premix series SternVit CR are suitable as a filling for breakfast cereals or the coating process, and add value to cereal products.

### **Confectionery: SternVit SW**

Delicious and with healthy benefit: confectionary are especially suitable for fortification. Our SternVit SW premix series brings added value to hard candies, jelly beans or chewing gum.



substitutes.

More and more countries around the world are fortifying staple foods such as milk powder, edible fats or oils, salt or flour in order to ensure an adequate supply of micronutrients to the whole population. With our series SternVit SF, we offer customised premixes for all staple foods.

### Food aid: SternVit FA

malnutrition. Together with various partners we contribute to the global fight against micronutrient deficiencies. With SternVit FA, we offer high quality premix solutions for example for ready-to-eat products.

### Plant-based products: SternVit VP

A solely plant-based diet may result in a critically low intake of micronutrients. With our specifically developed micronutrient premix series SternVit VP, we offer optimum solutions for the plant-based fortification of products such as rice milk or vegan meat

### Infant nutrition: SternVit BF

Infant nutrition must comply with strict guidelines and ordinances that set narrow tolerances for minerals, vitamins and trace elements. Our micronutrient premix series SternVit BF can be precisely aligned with these requirements.

With our SternVit MP premix series each meat product can be fortified with the best combination of micronutrients. We can also carry out extensive tests in the meat





# Micronutrient concepts for your success

# Health and lifestyle trends with the focus on functional food

We are familiar with health and lifestyle trends and the future topics of the food industry. As your sparring partner, we combine this knowledge with our technological and scientific expertise to support you throughout the entire product development process. This results in innovative end products that secure you a competitive edge.



We help you to spark ideas for unique products that meet your customers needs.

## Your challenges our competences

## We are your strong partner in the product development process

A premix can go through several development stages until the end product is ready for manufacturing or the market. Step by step, it is finely tuned with your formulation until all product specifications have been met in an optimum manner.

### We support you from ideation to implementation







**Perfect interaction** between our experts guarantees the highest product quality.

# Quality and production

# Highest standards thanks to quality control

To ensure optimum product quality, an elaborate quality manageme monitors the entire production chain. Even raw materials are subject selection and monitoring of criteria such as active ingredient conter and stability.

### Our experience in manufacturing fine powders



### State-of-the-art technology

When working with micronutrients it is essential to ensure gentle handling of the substances, exact adherence to the formulation and the absolute safety and reliability of the process. Our easy-to-clean production facilities ensure the highest degree of product purity. Automatic control screening and metal detection are components of the HACCP concept. Our plant technology, with automated documentation of the target/actual weighing of each batch, ensures that every formulation is produced within the narrowest tolerances.

### **Certified quality**

Analyses by accredited external laboratories and our own analyses serve as additional controls. Complete documentation by a central process control system and batch traceability are part of our certified quality management system.



**FSSC** 22000





Where the quality of our micronutrient premixes is concerned we leave nothing to chance.

## We see fortification with vitamins and minerals as our global mission.

Chicago

Mexico City

**International Group Locations** 

- Production Locations
- Representatives
- Locations without production

**Our local agents** support you all over the world. Being close to our customers is important to us.



### What sets us apart: excellent service around the world

The fortification of foods with vitamins and miner is strongly influenced by country-specific regulation and local eating habits.

In order to advise our customers directly at their production facility, we have established affiliate around the world, linked by a common quality management system. This enables us to guarante

### Follow us and share your experiences



rals	that our customers' vitamin and mineral premixes
ions	are adjusted precisely to the needs of the particular
	country and comply with the most exacting food
	standards.
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	We look forward to an intensive exchange and
e	partnership-based cooperation.



## What can we do for you?

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