



TRANSCHEM

The key ingredient, naturally



NOVEMBER 2019

Comprecel® SMCC

SILICIFIED MICROCRYSTALLINE CELLULOSE



MINGTAI CHEMICAL CO. LTD

Stable, high quality binder and diluent

What is it?

A highly functional ingredient that solves complex formulation problems and simplifies the manufacturing process.

Why use it?

- Less excipient is required and lower compression force is needed to manufacture robust tablets
- Enhanced Flow
- Low coefficient of friction
- Odourless and tasteless
- Practically insoluble in water and most organic solvents

Need to know

- An integrated particle combined with 98% Microcrystalline Cellulose and 2% colloidal silicon dioxide
- Available in several grades

Applications

Tablets, capsules, chewable tablets



Targets

Nutraceutical and pharmaceutical tablets and capsules



Natural-e™ NATURAL VITAMIN E



Matrix Fine Sciences

Antioxidant's with multiple applications

What is it?

Natural Vitamin E from 100% non-GMO Sunflower or Soy sources.

Why use it?

- Active antioxidant
- Shows 100% biological activity
- Increases shelf life of products
- No threat of allergic reactions
- Allows you to label products - 'Natural Vitamin E'

Need to know

- Full traceability to the source
- Available in mixed tocopherol, d-alpha tocopheryl acetate or succinate forms
- Can protect the body from free radical damage which is responsible for blood vessel diseases, cancer and other life threatening conditions
- Oil or powder options

Applications

Capsules, soft gels, tablets, liquids, creams

Targets

Nutraceuticals, pharmaceuticals, food, personal care products



Plant derived Omega-3 DHA

What is it?

High quality, algal oil without an underlying marine smell or taste.

Why use it?

- Contains 40% DHA
- Mixed tocopherols
- Minimal taste and odour
- Supports, brain, heart, eye and blood pressure health

Need to know

- Cultivated and grown sustainably from a wild strain of algae in optimal conditions to maximise omega-3 output
- Environmentally-friendly, chemical-free extraction process

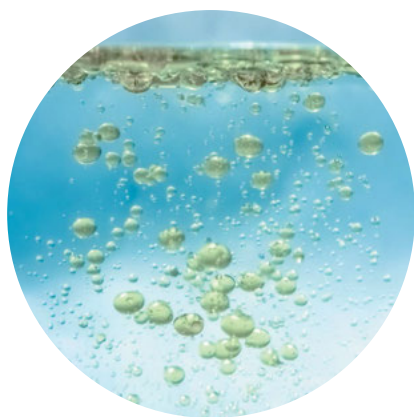


Applications

Liquids, capsules, powders

Targets

Dietary supplements, men's and women's health, foods and beverage



Premium digestive health enhancer and antioxidant

What is it?

Freeze dried kiwifruit concentrate powder grown in New Zealand (Actinidia Deliciosa)

Why use it?

- Produced from one of the most nutrient dense fruits in the world
- Rich in gastrointestinal tract supporting nutrition
- Suitable for encapsulation

Need to know

Contains naturally occurring:

- Potent proteolytic enzyme, actinidin
- Phytonutrients including polyphenols (flavonoids and phenolic acids), carotenoids (lutein and β carotene) and vitamins (C and E)
- In-vitro studies have shown that actinidin enhances the digestion of a number of different food proteins, including soy, red meat, milk, gluten and gliadin

Applications

Capsules, powders

Targets

Men's and women's health, probiotic formulations



SNEAK PEEK OF UPCOMING INGREDIENTS

We recently visited the Annual SupplySide West exhibition in Las Vegas, and are now working to bring these innovative ingredients to market locally.



A safe and effective weight loss product supported by a human clinical study



A high premium self-affirmed GRAS product that is a pure multifunctional natural alternative to synthetic chemical ingredients



World's first Ginger product with > 26% Total Gingeroids



Aged black garlic extract for Cardiovascular, Immune and Gut Protection



A unique 5-carbon carbohydrate that simulates the body's natural energy production which is natural, safe and clinically proven



Delayed swelling action and stays in suspension for over 30mins to enable ease of consumption