

# TRANSCHEM

The key ingredient, naturally

FEBRUARY 2021



## Clinically proven natural support for signs of ageing

### What is it?

Branded grades of sodium hyaluronate (sodium salt and commercial form of hyaluronic acid (HA)) for various markets.

### Why use it?

- Can promote joint health
- May improve skin moisture and elasticity
- Perfect in combination with collagen for skin applications
- Suggested for hair, skin and nail formulations

### Need to know

- Produced by microbial fermentation technology
- Available in low and high molecular weight versions

### Clinicals

Supported by clinical studies.

### Available as

Powder



### Targets

Dietary supplements, men's health, women's health, skin care, food, sports nutrition



## Chamomile extract

### What is it?

An extract from *Matricaria chamomilla* (annual herbaceous plant) flowers with applications in natural medicines to relieve gastrointestinal disorders and sleeping problems.

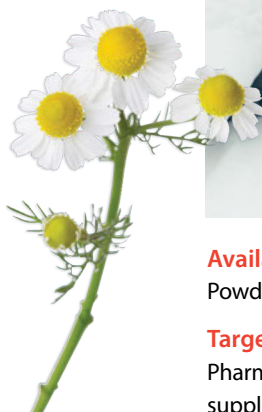
### Why use it?

Traditionally used in Western herbal medicine to:

- relieve symptoms of indigestion
- calm restless nervous energy
- support the nervous system
- relieve sleeplessness

### Need to know

- Environmentally friendly supercritical carbon dioxide extraction process
- Patented low-temperature drying process
- High in phenolic compounds and terpenes



### Available as

Powder and oil

### Targets

Pharmaceutical, nutritional supplements, cosmetics



## A superfood with high nutritional and functional value

### What is it?

A water-soluble microalga with a wide range of amino acids, peptides, proteins, vitamins, sugars and nucleic acids.

### Why use it?

- Traditionally used in Western herbal medicine to assist with low levels of iron
- May help reduce fatigue
- May assist in helping maintain normal levels of cholesterol in the blood
- May have antioxidant properties

### Need to know

- Plant based protein with indispensable amino acids
- Contains essential fatty acids vitamins, trace minerals, carotenoids and other bioactive compounds

### Available as

Powder which can be added to food and also be used in capsules and tablets



### Targets

Nutritional supplements, food



# Daffulose

Sodium Caboxy Methyl Cellulose (CMC)



## A wide range of excipient applications

### What is it?

An anion type cellulose

### Why use it?

- Superior tablet disintegrator
- Can be used in wet granulation and direct compression
- Effective even at lower consumption levels
- Insensitive to tablet hardness
- Better water absorber/retention particle suspender
- Good thickening, suspending and emulsifying properties

### Need to know

- It is easily dispersed in water giving colloidal solutions
- BP/USP grade available
- Differing viscosity grades available



### Available as

Powder

### Targets

Pharmaceutical, veterinary, personal care, food



# THYMOLX

## Natural cough remedy

### What is it?

A dry powdered extract, obtained from *Thymus vulgaris* L aerial parts by hydro-alcoholic extraction

### Why use it?

- Suitable for helping respiratory tract inflammation and soothe dry and productive coughs
- Full traceability from raw material selection to the finished product

### Need to know

- 0.30% Thymol
- Used as a natural cough remedy as well as a digestive spasmolytic, carminative and antioxidant

### Clinicals

Two pre-clinical studies proving its double effect as an anti-inflammatory and expectorant agent

### Available as

Powder



### Targets

Nutraceuticals, cough and cold preparations, immune formulations, anti-inflammatory formulas, antioxidant formulas.

