

MS HC®

The Silanol technology in powder form

**ANTI-WRINKLE
MOISTURIZER
SKIN RESTRUCTURATION
IMMEDIATE TENSING FEEL**

SKIN CARE & TREATMENT MAKE-UP

EXSYMOL
MONACO

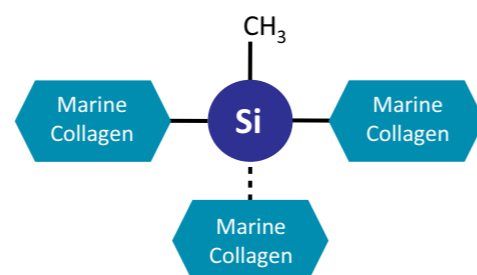
MSHC is a highly concentrated silanol combined with marine collagen. It provides the skin with immediate tensile feeling and long term skin reorganization.

THE SILANOL TECHNOLOGY

Organic silicium is an essential component of the skin. Indeed, by interacting with structure proteins within the dermis such as collagen fibers, elastin and proteoglycans, the silicium insures an optimal skin organization and architecture.

However, with age the amount of organic silicium naturally present in the skin tends to decrease, thus leading to an overall collapse of the skin architecture and resulting in the apparition of wrinkles.

MSHC is part of the silanol family. As such, it possesses an organic silicium core. A topic application of MSHC on the skin will therefore replenish the skin natural pool of organic silicium. The skin will be restructured, better organized and rejuvenated. MSHC provides the skin with optimal hydration, elasticity and flexibility. Ultimately, the skin will become visibly younger.



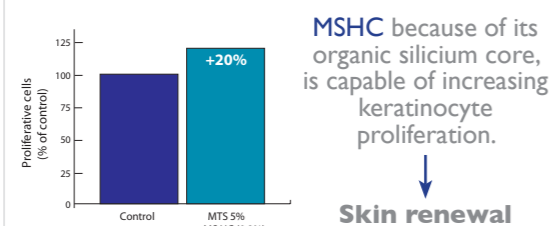
MARINE COLLAGEN

Marine collagen has been used for cosmetic purpose for many years. This marine collagen provides the skin with a feeling of instant firming and tightening.

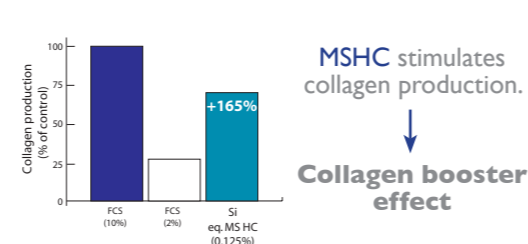


METABOLISM STIMULATION

Keratinocyte proliferation

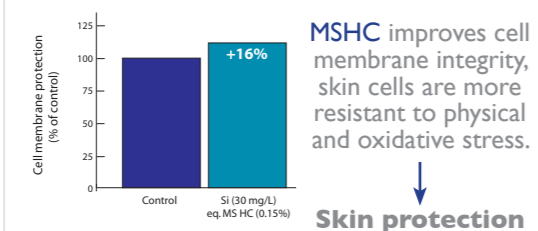


Collagen production

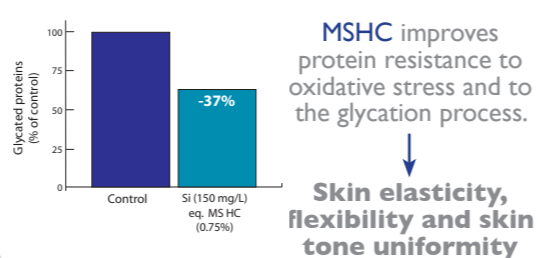


SKIN PROTECTION

Cell protection

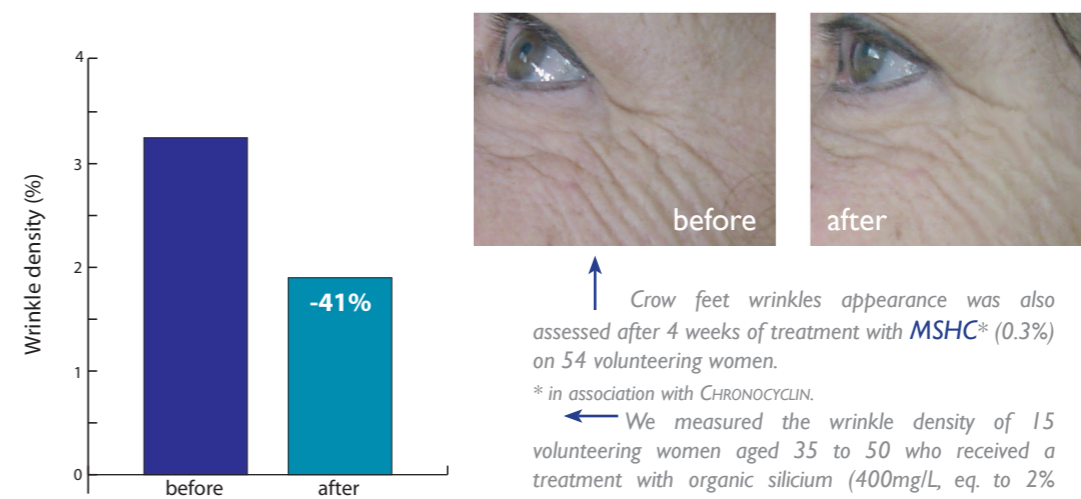


Protein protection



IN VIVO TESTINGS

Several *in vivo* assays were performed using organic silicium. These assays monitored the evolution of facial wrinkles.



We showed that a treatment with organic silicium, such as MSHC, leads to a decrease in wrinkle number and in wrinkle depth. Furthermore, the marine collagen provides the skin with a immediate action feeling thanks to its tensile activity.

The skin is instantly firmer and visibly younger

MS HC®

INCI name: SILANETRIOL (and) HYDROLYZED COLLAGEN

MS HC is the powder version of the silanol technology.
As such, it is especially adapted for treatment make-up.

COSMETIC APPLICATIONS

ANTI-WRINKLE
MOISTURIZER
SKIN RESTRUCTURATION
IMMEDIATE TENSING FEEL

TECHNICAL CHARACTERISTICS

ANALYTICAL COMPOSITION

Hydrolyzed marine collagen.....83%
Methylsilanetriol.....6.3%
 including Silicium.....2%
Water (sqf).....100%

PHYSICO-CHEMICAL CHARACTERISTICS

Hygroscopic beige powder
pH of a 4% solution \approx 2.5 – 4.0
Density of a 4% solution \approx 1
Miscible with water
Non miscible with hexane, mineral and vegetal oils

PRESERVATIVES

No preservative

TOLERANCE AND TOXICITY STUDIES

MS HC does not show any toxicity
Tolerance studies were performed using both *in vitro* (cell culture and reconstructed epidermis) and *in vivo* (human volunteers) methods

FORMULATION

Advised doses for day to day treatment: 0.5 to 1.5%
No particular formulation restriction

AVAILABILITIES

MS HC is available in 1, 5, 20 and 40 kg drums