

Manufactured by  
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Made in U.S.A.



CLINICAL RESOLUTION

MICRONEEDLE THERAPY SYSTEM

1-877-KNOW-MTS  
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## VITAL SM

(Stretch Mark) - 0.12 fl.oz / 3.5ml

MTS ROLLER CARE ESSENTIALS



**Ingredients:** Deionized Water, Sodium Hyaluronate, Palmitoyl Tripeptide-28 (3%), MTSPeptide 225 & MTSPeptide 239 (10%), MTS Beta Glucan (25%) Propylene Glycol, Pseudoalteromonas Ferment Extract (2%), Hydrolyzed Cucurbita Pepo (Pumpkin) Seedcake(5%), Acetyl Tetrapeptide-10 and pentapeptide-18 (5%), Hydroxypolisilane CN (6%), Melscreen Coffee EL DEO ORG (Coffea Arabica (coffee) Seed Oil(2.5%), Chlorellagen DP (1%), Marine Collagen (1%), Marine Elastine (1%), SDA-40 200 Proof, Algae Extract, Vitamin E Acetate (0.5%), AE Protek NPB (0.25%)

### Use Direction:

Apply liberally to affected area before and after MTS Roller Treatment.

### Cautions:

Discontinue use if skin irritation or redness develops. Do not spray near eyes.

### Key Ingredients and Features:

**Palmitoyl Tripeptide-28:** a stabilized peptide engineered for cutaneous delivery that is resistant to enzyme degradation. It mimics TGF- $\beta$  by activation of the transforming growth factor- $\beta$  receptor Type II (T $\beta$ RII) to activate collagen synthesis. In consequence, it reduces wrinkles by increasing collagen in the skin and it works by turning on the gene responsible for the production of collagen.

- 45% Reduction in wrinkles in 28 days (In-vivo)
- 152% Increase in Collagen I Synthesis (In-vitro)
- 175% Increase in Collagen III Synthesis (In-vitro)
- 48% MMP-9 Inhibition (In-vitro)

**MTSPeptide 225 & 239 (10%):** Fibroblast Growth Factor Gene Stimulation.  
INCI: Glycerin, Water (Aqua), Myristoyl Pentapeptide-11. It works as Anti-aging/ anti-wrinkle peptide while stimulating cell replication and collagen.

**MTS Beta Glucan:** Stimulates Immune defense & fibroblast growth and collagen synthesis. It also improves extrinsic signs of aging while promoting healing and reducing scar coloration.

**Acetyl Tetrapeptide-10 and pentapeptide-18:** as it helps to inhibit the degradation of the extracellular matrix by inhibiting MMP action and the pentapeptide-18 is a neuropeptide believed to act in a similar to botox,

**Hydrolyzed Cucurbita Pepo (Pumpkin) Seedcake:** Very effective in preventing and attenuating the appearance of stretch marks

**Pseudoalteromonas Ferment Extract:** the extract of the fermentation process of Pseudoalteromonas Antarctica NF3 and is classed as a biological product which is used as a humectant as well as a humectant skin-conditioning agent. It is a glycoprotein tripeptide-1 molecule, which is a peptide containing the following three amino acid residues: glycine, histidine and lysine.

- Increase collagen production, that leads to a healthier and younger looking skin
- Lessen wrinkles and lines, which translates into a younger looking face
- Increase elastin formation, which causes a more vital and elastic skin
- Reduce damage by cold weather, causing less environmental stress in cold weather
- Increase hydration and moisture in the skin, which helps to rehydrate the skin
- Improve healing of skin, that translates into a rapid repair action to any damaged skin
- The pseudoalteromonas ferment extract is a marine based ingredient that is believed to increase the synthesis of collagen I and IV, and elastin

**Melscreen Coffee EL DEO ORG (Coffea Arabica (coffee) Seed Oil:** Increases TGF factors, Collagen synthesis, Elastin synthesis, and Glycosaminoglycan (GAGs synthesis) at 2.5% after 48 hours in cell culture.

**Chlorellagen DP:** Increases the synthesis of DEJ proteins including: Laminin V and V1, Collagen IV, VII, (DEJ proteins) III, and I, Elastin (Dermal proteins). It also stimulates Elafin synthesis which increases the inhibition of elastase to prevent elastin degradation measured by gene expression.



### MTS Roller Care Essentials (All 0.12 fl.oz. X 10)

The clinical solutions to be used with microneedle Therapy.

- 1 Vital W –Wrinkle Treatment
- 2 Vital PS –Pigment Stabilizing solution
- 3 Vital SM –Stretchmark Remover
- 4 Vital WH –Wound Healing
- 5 Vital CL –Cellulite Control
- 6 Vital HR –Hair Regrowth formula