

Hair, Skin, & Nails Support

With Gelatin and Horsetail



DESCRIPTION

Hair, Skin, and Nails Support supplies beneficial amounts of several vitamins, minerals and other nutrients, specially formulated to support healthy hair, skin and nails.

FUNCTIONS

Vitamin C (ascorbic acid) has numerous biological functions. Foremost, it is essential for the synthesis of collagen and glycosaminoglycans which are the building materials of all connective tissues, such as skin, blood vessels, tendons, joint cartilage and bone. Vitamin C is the required coenzyme for two groups of enzymes that catalyze the crosslinking of collagen fibers - lysyl hydroxylases and prolyl hydroxylases. As such, vitamin C is essential for normal wound healing and capillary health. It also participates in the biosynthesis of carnitine, serotonin, and certain neurotransmitters, including norepinephrine.

Vitamin C is among the most powerful antioxidants in humans and animals. It is a water-soluble, chain-breaking antioxidant that reacts directly with superoxide, hydroxyl radicals, and singlet oxygen. Vitamin A (retinol) is a fat-soluble vitamin essential for vision, growth, reproduction, cell division, and the integrity of the immune system.

Minerals play a variety of essential roles throughout the body. Calcium is the principal mineral constituent of bone and is thus essential for healthy bone structure and function. Calcium also participates fundamentally in blood clotting, nerve conduction, and muscle contraction. Magnesium is involved in energy metabolism, and is notably important in the heart, skeletal muscles, and nervous system.

Manganese is essential for antioxidant systems in the body, bone growth, fat metabolism, and protein, nucleic acid, and cartilage synthesis. Zinc is important for growth, immune system function, protein synthesis, antioxidant mechanisms, and wound healing.

In the human body, iron is present in all cells and has several vital functions -- as a carrier of oxygen to the tissues from the lungs in the form of hemoglobin (Hb), as a facilitator of oxygen use and storage in the muscles as myoglobin, as a transport medium for electrons within the cells in the form of

cytochromes, and as an integral part of enzyme reactions in various tissues.

Today, scientific research supports horsetail grass' use as a wound healing agent, particularly for the repair and maintenance of connective tissue. Horsetail grass' high content of silicon as silica is responsible for these therapeutic effects. Connective tissue, e.g. bone, tendon, cartilage, blood vessels, and skin, contains most of the silicon found in the body. Silicon's primary role in the maintenance and repair of these tissues is thought to involve their structural framework as silicon appears to be an integral part of their supporting protein and glycosaminoglycan complexes. A deficiency of dietary silicon negatively affects the structure of this supporting matrix, i.e. collagen, elastin, and glycosaminoglycans, more than the mineralization process itself.

Phosphatidylserine, a phospholipid nutrient found in lecithin, is active in cell membranes and is the major acidic phospholipid component in the membranes of the brain.

INDICATIONS

Hair, Skin, and Nails Support may be a useful dietary adjunct for individuals who wish to support healthy hair, skin and nails.

FORMULA (WW #10081)

4 Capsules Contain:

Vitamin A (as Vitamin A Palmitate).....	7,500 I.U.
Vitamin C (from Buffered Mineral Ascorbate)..	62.5 mg
Calcium (as Calcium Malate/Citrate)	80 mg
Iron (as Ferronyl®)	7.5 mg
Magnesium (as Magnesium Malate).....	55 mg
Zinc (from Zinc Krebs/chelate)	7.5 mg
Manganese (as Manganese Ascorbate)	5 mg
Bioflavonoids	37.5 mg
PABA (Para-Aminobenzoic Acid)	37.5 mg
Horsetail (aerial part)	325 mg
(Equisetum arvense with silica)	
Lecithin (from soy)	100 mg
(granules, high in Phosphatidylcholine)	
Gelatin.....	75 mg

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SUGGESTED USE

Adults take 2 capsules 2 times daily with meals or as directed by a healthcare professional..

SIDE EFFECTS

No adverse effects have been reported.

STORAGE

Store in a cool, dry place, away from direct light. Keep out of reach of children.

REFERENCES

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Chan S, Gerson B, Subramaniam S. The role of copper, molybdenum, selenium, and zinc in nutrition and health. Clin Lab Med 1998;18:673-85.

Durlach J, Bac P, Durlach V, et al. Magnesium status and ageing: an update. Magnes Res 1998;11:25-42.

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Rico H, Gallego-Lago JL, Hernandez ER, et al. Effect of silicon supplement on osteopenia induced by ovariectomy in rats. Calcif Tissue Int 2000;66:53-5.

These statements have not been evaluated by the Food and Drug Administration. This product is not intended to diagnose, treat, cure, or prevent any disease.

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