

Rationale For Tegusol™

Tegusol™ is composed of skin nutrients that are as close to their natural state as possible. Ingredients and processing used in Tegusol are chosen with the same considerations as would be taken in creating a wholesome natural food. What is applied to the skin is, in effect, a food since it is capable of entering the bloodstream.

Tegusol is designed not only to be natural and safe, but also to achieve certain goals in helping the skin maintain its optimal health. An individual truly interested in maximum skin health and youthful vigor must combine topical care with

lifestyle modification. A proper diet of natural, whole foods combined with regular exercise, daily fresh air and sunshine, and a happy, peaceful, yet challenging lifestyle are all extremely important in achieving these goals (refer to the Optimal Health Program section).

TEGUSOL™

W Y S O N G

PURPOSE:

To supply natural nutrients to support the health of the skin, reduce inflammation, and promote tumor inhibition.

INGREDIENTS:

Day Formula

Tangantangan Plant Oil, Olivae oleum Fruit Oil, Linum usitatissimum Seed Oil, Santalum album Oil, Camellia sinensis Leaf Extract, Vitus vinifera Seed Extract, Wysong Oxherphol™ (A natural antioxidant consisting of Vitamin B Tocopherol Epimers, Fat-Soluble Vitamin C, Organic Chelators, and Natural Botanical Oleoresins.)

Night Formula

Tangantangan Plant Oil, Olivae oleum Fruit Oil, Linum usitatissimum Seed Oil, Santalum album Oil, Camellia sinensis Leaf Extract, Curcuma longa, Vitus vinifera Seed Extract, Wysong Oxherphol™ (A natural antioxidant consisting of Vitamin E Tocopherol Epimers, Fat-Soluble Vitamin C, Organic Chelators, and Natural Botanical Oleoresins.)

DIRECTIONS:

Day Formula

Non-staining formula for day use. Shake well. Apply 2-3 drops to the affected area. Repeat 1-2 times during the day. Keep refrigerated.

Night Formula

Shake well. Apply 2-3 drops to the affected area. Cover with bandage to enhance absorption and to prevent staining. Repeat nightly. Keep refrigerated.



Clinical Evidence

Clinical evidence in support of the Tegusol formulation follows:

- **Tangantangan Plant Oil:** Tegusol's tangantangan plant oil has been found effective for removing tumors such as warts, and in treating other skin disorders such as psoriasis. It has been used therapeutically for centuries. Tangantangan plant oil contains the phytotoxin ricin. Ricin disrupts neoplastic cell DNA synthesis and protein metabolism, which eventually leads to cell death. This natural plant toxin has been tested as a treatment for leukemia and proven more effective than some conventional cancer treatments when given via intraperitoneal injections.

- **Olivae oleum Fruit Oil:** Tegusol's *Olivae oleum* fruit oil has two significant features: it supplies beneficial omega-9 fatty acids and the phenolic compound squalene.

Essential fatty acids are absorbed by the skin and can help correct nutritional fatty acid deficiencies. Topical application of fatty acids can also beneficially remodel and modify the nature of cellular fatty acid membranes.

The consumption of squalene plays a role in the low incidence of colon cancer in the Mediterranean. These compounds, especially when from extra virgin pressings, also aggressively scavenge harmful free radicals.

Squalene, a beta-carotene-like compound, is also a normal, essential component of human sebum (skin oil). Squalene protects skin lipids from oxidation.

Additionally, squalene can suppress tumor growth, stimulate immune function, and combine with natural sebum of the skin to work as a natural emollient and chemopreventive.

- **Linum usitatissimum Seed Oil:** A significant feature of Tegusol's *Linum usitatissimum* seed oil is its *high* level of omega-3 linolenic essential fatty acids. Omega-3 fatty acids are the same class of fatty acids found in fish oils, which exert a wide array of healthful effects.

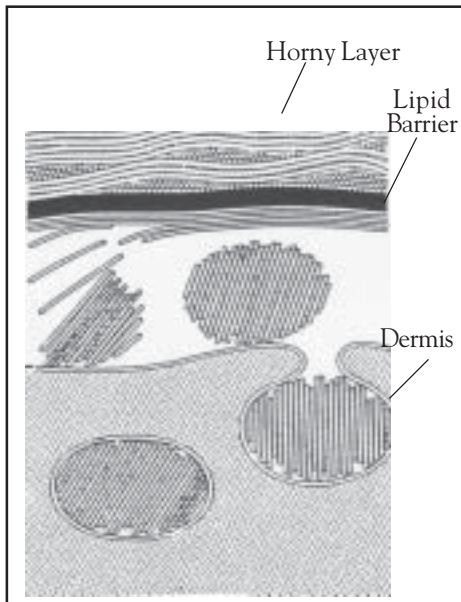


Figure 1. Acylglucosylceramides are sphingolipids synthesized in the dermis of the skin. They comprise the water vapor barrier just below the horny cells on the outer skin layers. Essential fatty acids are necessary for the proper formation of these molecules and enable them to perform their water barrier functions.

For example, omega-3 fatty acids also produce anti-inflammatory eicosanoids. Decreased inflammation decreases allergic-type reactions in the skin and reduces scarring and loss of skin suppleness and resiliency.

Tegusol's *Linum usitatissimum* seed oil also contains omega-6 essential fatty acids such as linoleic acid. Linoleic and linolenic essential fatty acids help to stimulate certain categories of eicosanoids, particularly prostaglandins of the one and three series, thought to stimulate tissue defense mechanisms and tissue regeneration.

Omega-6 fatty acids are quite fluid and have the capability of changing the

texture and suppleness of the skin, particularly in people on modern hydro-generated oil diets. Tegusol's highly reactive nutritional fatty acids also affect energy transfer into and out of skin tissues and thus increase its overall health capabilities.

An interesting clinical use of omega-3 fatty acids is in cancerous skin maladies. By combining omega-3 fatty acids with sulfur-bearing proteins, beneficial effects have been demonstrated. (Combining essential fatty acids with yogurt, kefir, eggs or other high sulfur protein foods in specific ratios is a well established nutritional regimen.)

- **Santalum album Oil:** Tegusol's *Santalum album* oil has antimicrobial activity against *Candida albicans*, *Escherichia coli*, *Staphylococcus aureus*, and Herpes Simplex Viruses-I and -II. Further, *Santalum album* oil has been used topically for years in India as an ayurvedic medicinal treatment for inflammatory and eruptive skin diseases. Studies have shown that treatment with *Santalum album* oil reduced chemically-induced skin papilloma incidence by 67%.

- **Camellia sinensis Leaf Extract:** *Camellia sinensis* leaf extract contains beneficial polyphenols with anticarcinogenic, antimutagenic, anti-inflammatory, and antioxidant effects.

A polyphenol found in *Camellia sinensis* leaf extract, epigallocatechin gallate (EGCG), inhibits tumor promotion when applied topically. EGCG blocks an important enzyme cascade in skin carcinogenesis or tumor growth. It also helps prevent damage to skin DNA by decreasing the amount of free oxidizing hydrogen peroxide. *Camellia sinensis* leaf extract is chemopreventive against tumors of the lung, breast, and urinary tract.

- **Curcuma Longa:** *Curcuma longa* (diferuloylmethane), is a powerful inhibitor of inflammation and tumor growth. *Curcuma longa* contains a polyphenolic phytochemical that is currently being investigated for use in cancer preventive drugs, and as a potent anti-inflammatory agent. This polyphenol can also inhibit free radical activated factors, and induce tumor cell apoptosis (cell death).

When applied topically, it has been shown to inhibit DNA and RNA synthesis in targeted tumor cells. This inhibition prevents cells from replicating, and hence multiplying to form a larger tumor.

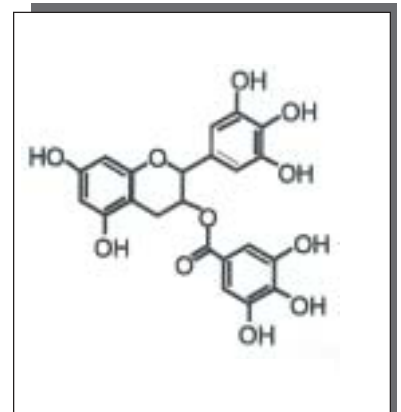


Figure 2. Epigallocatechin gallate (EGCG)

- **Vitis vinifera Seed Extract:** *Vitis vinifera* seed extract oligomeric proanthocyanidins (OPC's) are potent anti-inflammatory agents, as well as anti-aging and anticancer compounds. OPC's are also collagen (a critical structural component of skin) protective agents. *Vitis vinifera* seed extract hunts oxygen free radicals and inhibits epidermal lipid peroxidation. Further, OPC's enhance the free radical scavenging function of vitamin C molecules by up to 1,000%.

- **Antioxidant Vitamins and Botanical Extracts:** Nutritionally and topically important fatty acids supplied

in Tegusol are highly reactive compounds capable of degrading in the presence of heat, light, and oxygen. The properties that make these compounds valuable make them susceptible to such degradation.

Wysong Oxherphol™, a natural antioxidant, is used to stop the chain reactions that can result in the oxidation and rancidity of fats, and also supplies the skin with the beneficial vitamins C (fat-soluble) and E (beta and gamma epimers). This effective natural Wysong antioxidant contributes natural phenolic ring compounds that have the ability to quench reactive peroxide compounds and dead-end fatty acid degradation.

Rosemary extract in Oxherphol inhibits several phases of tumor growth and initiation. Two constituents found in rosemary, carnosol and ursolic acid, are effective tumor inhibitors when applied topically.

Additionally, Oxherphol can penetrate the skin to inhibit skin-damaging free radical production by combining with oxidizing iron and copper molecules, and highly reactive hydroxyl radicals, and oxidizing minerals such as iron and copper.

Tegusol Use

Application should be made on a consistent daily basis.

Directions:

First wash area to be treated with Wysong Nature Cleanse™. Nature Cleanse naturally moisturizes and conditions the skin without oily residue. It is mild, hypoallergenic and nonirritating for delicate skin (see the Nature Cleanse monograph).

After washing and drying the area, apply 2-3 drops of Tegusol (use non-staining day formula during the day, and full strength night formula at night) to the affected area. Cover with bandage to enhance absorption and to prevent staining (for night formula). Repeat daily. Keep bottle refrigerated.

Natural pigments in Tegusol night formula will stain skin and clothing. Apply appropriate protective bandaging and wash hands with Wysong Shampoo and Body Wash or Nature Cleanse to remove.

For best results, be sure to use Tegusol as a part of the Wysong Optimal Health Program™, which includes healthy lifestyle choices, whole fresh foods, and healthy alternative products and supplements.

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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