

Ultra-MFP™

Helps protect against mold, fungus, and parasite infections

DESCRIPTION

Ultra-MFP™ contains herbs and probiotics that have been shown to have important immune and gastrointestinal supportive properties. Each capsule contains 125 mg of citrus seed extract and 50 mg each of echinacea, burdock, artemisia, and extract of olive leaf. Significant quantities of *Lactobacillus* and *Bifidus* beneficial bacteria are included in a base of allium vegetables.

FUNCTIONS

In healthy people, the intestinal microflora consists of balanced amounts of symbiotic microorganisms, providing nutritional benefits to the host. This balance depends on our dietary habits and can easily be disturbed by unhealthy diets or drugs, such as antibiotics. Under these conditions, opportunistic pathogenic microorganisms, such as the fungus *Candida albicans*, can colonize various body parts including the small and large intestine.

If harmful microorganisms proliferate, the equilibrium is disturbed, and it becomes difficult even for indigenous bacteria to maintain their necessary territory. Herbs and other natural food components may increase the body's resistance to these pathogenic invaders.

Citrus seed extract has been shown to be effective against *Candida* and hemolytic coliforms, with minor effects on normal intestinal organisms. Polyphenols of the olive plant have also demonstrated inhibitory action against several pathogenic organisms. Allium vegetables such as garlic have significant immuno-protective activity.

Beneficial intestinal micro-organisms, e.g. *Lactobacillus acidophilus* and *Bifidus*, known as probiotics, can colonize the intestinal tract, depending on the specific bacterium-to-host affinity. Bacteria are continually in competition for colonization space. The original bacterial colonies have an advantage over transient, pathogenic bacteria.

INDICATIONS

Ultra-MFP™ capsules may be a useful dietary supplement for those who wish to improve their immune and gastrointestinal function.

FORMULA (#83020)

Each Capsule Contains:

Citrus seed extract	125	mg
Olive leaf extract	50	mg
Burdock	50	mg
Artemisia	50	mg
<i>Lactobacillus Acidophilus</i> and <i>Bifidus</i>	1 billion	C.F.U.
<i>Echinacea angustifolia</i> and <i>purpurea</i>	50	mg
Ligusticum	25	mg
In a 50 mg base of Allium vegetables including: Garlic, onions, chives and scallions		

SUGGESTED USE

Adults take 1 to 2 capsules daily or as directed by physician.

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

- Arora DS, Kaur J. Antimicrobial activity of spices. *Int J Antimicrob Agents* 1999;12:257-62.
- Aziz NH, Farag SE, Mousa LA, et al. Comparative antibacterial and antifungal effects of some phenolic compounds. *Microbios* 1998;93:43-54.
- Beck JJ, Stermitz FR. Addition of methyl thioglycolate and benzylamine to (Z)-ligustilide, a bioactive unsaturated lactone constituent of several herbal medicines. An improved synthesis of (Z)-ligustilide. *J Nat Prod* 1995;58:1047-55.
- Bisignano G, Tomaino A, Lo Cascio R, et al. On the in-vitro antimicrobial activity of oleuropein and hydroxytyrosol [In Process Citation]. *J Pharm Pharmacol* 1999;51:971-4.
- Collins MD, Gibson GR. Probiotics, prebiotics, and synbiotics:

approaches for modulating the microbial ecology of the gut. *Am J Clin Nutr* 1999;69:1052S-1057S.

Elmer GW, Surawicz CM, McFarland LV. Biotherapeutic agents. A neglected modality for the treatment and prevention of selected intestinal and vaginal infections [see comments]. *Jama* 1996;275:870-6.

Juven B, Henis Y, Jacoby B. Studies on the mechanism of the antimicrobial action of oleuropein. *J Appl Bacteriol* 1972;35:559-67.

Navarro V, Villarreal ML, Rojas G, et al. Antimicrobial evaluation of some plants used in Mexican traditional medicine for the treatment of infectious diseases. *J Ethnopharmacol* 1996;53:143-7.

Pai ST, Platt MW. Antifungal effects of *Allium sativum* (garlic) extract against the *Aspergillus* species involved in otomycosis. *Lett Appl Microbiol* 1995;20:14-8.

Paster N, Juven BJ, Harshemesh H. Antimicrobial activity and inhibition of aflatoxin B1 formation by olive plant tissue constituents. *J Appl Bacteriol* 1988;64:293-7.

von Woedtke T, Schluter B, Pflugel P, et al. Aspects of the antimicrobial efficacy of grapefruit seed extract and its relation to preservative substances contained. *Pharmazie* 1999;54:452-6.

**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.**

**Manufactured by
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