

Code Number:	10308
INCI Nomenclature:	Water & Butylene Glycol & Cymbopogon Citratus Extract
INCI Status:	Approved
Suggested Use Levels:	1.0 - 10.0%
Suggested Applications:	Anti-microbial, Sebum Control, Astringent

The grass family is known to be one of the most important plant groups to mankind. One type of grass in particular, the lemongrass, *Cymbopogon citratus* is known to grow abundantly in India and cultivated in Ceylon and Seychelles. It is used in China medicinally to treat colds, headaches, stomach disorders and rheumatism pain. In other parts of the world, lemongrass is used for bacterial and fungal infections, nervous conditions and inflammation. Lemongrass is also known as a great source of commercial vitamin A.

Lemongrass is said to be non-irritating and analgesic, and is used to normalize overactive oil glands in the skin. It is used as an astringent and cleanser in cosmetics, being able to clear acne and give good tone to the skin. Lemongrass is also used in hair care products for its ability to give hair sheen.

Also known for its lemon fresh aroma, lemongrass is used in perfumes, inhalation stimulants and insecticides. It owes its scent almost entirely to its chief constituent, citral, and is reported as one of the chief sources of citral used in the manufacture of Tonone, an artificial violet perfume.

When compared with other plant oils, the Lemongrass was among those showing maximum inhibitory activity against different pathogenic mycetes. As indicated in the *in vitro* inhibiting activity study conducted by Tampieri *et al.*

ABS Lemongrass Extract's natural antiseptic properties are useful in skin cleanser, toners, soaps and herbal bath products. It is particularly effective for oily skin and in adding highlights and shine to hair. It can also be used as a fragrance component in soaps, creams, lotions and perfumes.

References:

- 1) Ming L, Figueiredo R, Machado S, Andrade R. 1996. Yield of essential oil of and citral content in different parts of lemongrass leaves (*Cymbopogon citratus* (D.C.) Stapf.) Poacea. In: Proceedings of the International Symposium on Medicinal and Aromatic Plants. Acta Horticulturae. Leiden: ISHS, 555-559.
- 2) Souza Formigoni ML, Lodder HM, Gianotti Filho O et al: Pharmacology of lemongrass (*Cymbopogon citratus* Stapf). II. Effects of daily two-month administration in male and female rats and in offspring exposed "in utero." J Ethnopharmacol 1986; 17(1):65-74.
- 3) Yousef RT, Aggag ME, Tawil GG. 1978. Evaluation of the antifungal activity of some components of volatile oils against dermatophytes. Mykosen 21: 190-193.
- 4) Tampieri MP, Galuppi R, Macchioni F, Carelle MS, Falcioni L, Cioni PL, Morelli I. Mycopathologia. 2005 Apr; 159(3):339-45

