



**PREMIER  
SPECIALTIES**

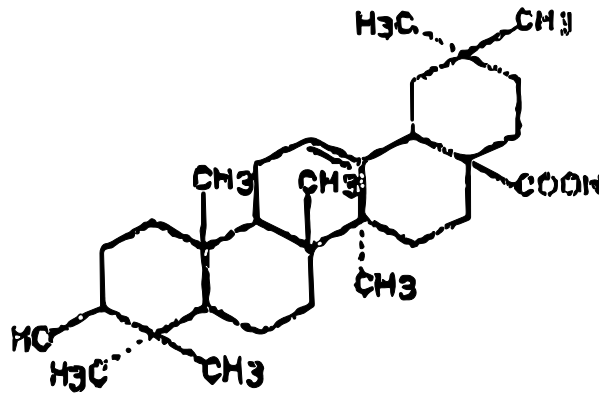
## **PREMIER OLEANOLIC EXTRACT 80%**

**Product Code #362400**

**INCI name: Olea Europaea (Olive) Leaf Extract**

Premier Oleanolic Extract is an extract of the leaves of Olea Eurpaea.

Its activity is due to the presence of Oleanolic Acid.



## **OLEANOLIC ACID**

The activities reported in the literature for Oleanolic Acid include:

- Anti-inflammatory activity
- Anti-oxidant via inhibition of lipid peroxidation and free radical scavenging
- Anti-hyperlipidemic
- Inhibition of type I allergic reactions
- Inhibition of TPA induced Carcinogenesis

### **COSMETIC USES**

- Anti-oxidant and free radical scavenger for anti-aging and sun care products
- Anti-inflammatory for sensitive skin treatment products
- Anti-allergy for inhibition of discomfort during allergy and severe winter dry skin seasons.

### **References:**

1. S Balanehru and B Nagarajan Protective effect of oleanolic acid and ursolic acid against lipid peroxidation. *Biochem Int* 24:981-990 (Jul 1991).
2. Y Dai et al. Effects of oleanolic acid on immune system and type I allergic reaction. *Zhongguo Yao Li Xue Bao* 10:381-384 (Jul 1989).
3. T Oguro et al. Inhibitory effect of oleanolic acid on 12-O-tetradecanoylphorbol-13-acetate-induced gene expression in mouse skin. *Toxicol Sci* 45:88-93 (Sep 1998).
4. J Liu Pharmacology of oleanolic acid and ursolic acid. *J Ethnopharmacol* 49:57-68 (1995).