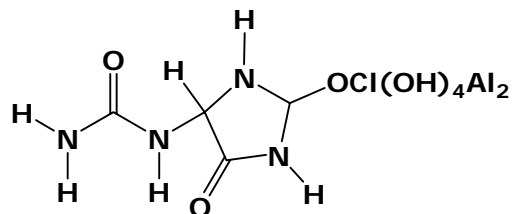


Alcloxa

INCI name: Alcloxa

CAS n°: 1317-25-5



Appearance: Fine white powder

Description

Alcloxa is an aluminum salt of Allantoin which possess the skin protectant, keratolytic, soothing and healing properties of Allantoin together with the astringent, mild antimicrobial properties of the aluminum compounds.

Alcloxa is a well tolerated antiperspirant agent which reduces the sweat production without the irritating effects of aluminum salts. It provides a soothing, healing and mild bacteriostatic effect useful in the treatment of injured skin and ulcerative lesions.

Properties and stability

Soluble in water, slightly soluble in alcohols. Stable in the pH range 3-8 and to 80°C process heating.

Applications and use levels

Alcloxa is a non-sensitizing and non-irritating active ingredient suitable for various cosmetic and OTC drug products. It is mostly used in aqueous formulations, hydro-alcoholic systems, emulsions and powders.

- In **antiperspirants and deodorants** the addition of Alcloxa alleviates the slight irritation deriving from the use of these products, particularly in sensitive skin applications. It may be used in hydro-alcoholic solutions and emulsions in aerosols, pump sprays, rolls on, sticks, gels, creams at levels of 0.25-0.5%. For its effectiveness, good toxicological profile, absence of toxic impurities and absence of environmental impact Alcloxa may replace in antiperspirants *Triclosan*, which is very questioned today.
- In **oral care** products Alcloxa is useful for its astringent antibacterial properties. It is very indicated in formulations for sensitive teeth, periodontal and gum diseases (like gingivitis, irritable and bleeding gums). *Use levels: 0.1-1%*.
- In **antiacne** products the slightly astringent effect promotes healing of pustules and acne lesions. It reduces the extension of infected skin eruptions, healing them and developing a soothing action. May be used alone or also in combinations with other antimicrobial agents in order to fight acne more effectively. *Use levels: 0.5-2.0%*.
- In **shave products** helps to regenerate the surface lesions and soothes the irritations produced by shaving. *Use levels: 0.2-0.5%*.
- In **foot products** (powder, gels and creams) Alcloxa is useful for daily hygiene to control perspiration and odour. It may be also indicated for a variety of clinical foot problems such as athlete's foot, onychomycosis, hyperhidrosis, dermatophytosis, epidermal macerations. *Use levels: 0.2-0.3%*.
- In **baby products** is indicated, for its healing reparative action, in the treatment of diaper rash.
- In **haemorrhoidal products** exerts a soothing and keratolytic action. *Use levels: 0.2-2.0%*.

Technical support

For further information, documentation and sample please contact us.