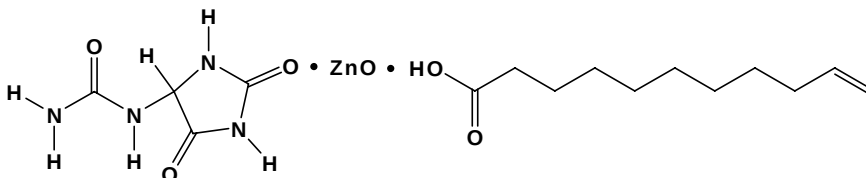


## Allantoin Zinc Undecylenate

**INCI name:** Allantoin, Zinc oxide, Undecylenic acid



**Appearance:** Fine white powder

### Description

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Allantoin Zinc Undecylenate is a molecular complex which combines the antifungal properties of undecylenic acid, the astringent effect of zinc oxide with the skin protectant, soothing and tissue repairing activity of allantoin.

May be used in topical preparations for the treatment of fungal infections, to soothe irritations and promote healing in various cosmetic and dermatological conditions.

### Properties and stability

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It is insoluble in water and alcohol. Stable and effective in the pH range 4-6.

### Applications and use levels

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Allantoin Zinc Undecylenate can be used as antifungal, astringent, healing agent at concentration of 0.3-6% in cosmetic, OTC and topical pharmaceutical applications.

It is indicated for the treatment and prevention of many dermatomycoses, especially athlete's foot (tinea pedis), psoriasis, excessive perspiration and irritation of skin folds.

Also recommended for the relief of itching, burning, chafing associated to this skin disorders. Allantoin Zinc Undecylenate helps maintain a dry local environment, reduce unpleasant odor, protect the tender macerated skin and promote the healing of erosions.

In cosmetic preparations contribute to the effectiveness of deodorants, soaps and antidandruff products.

Allantoin Zinc Undecylenate can be incorporated in lotions, creams, ointments, foams, soaps and powders.

### References

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- S. B. Mecca (1978) Allantoin and its derivatives. Cosmetics & Toiletries, 93, pp.39-41.

### Technical support

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For further information and samples please contact us.