



Zinc ricinoleate

INCI Zinc ricinoleate
CAS 13040-19-2

SPECIFICATIONS

Appearance Waxy beads
Odor Typical soapy odor
Zinc Content 9.2% - 10.6%

GENERAL INFORMATION

Zinc ricinoleate is the zinc salt of ricinoleic acid.

It appears in the form of waxy beads with a fairly high melting point (approx. 80°C).

EFFICACY

The main purpose of use for Zinc ricinoleate is for odor control. It is highly effective in absorbing and neutralizing odors, making it a popular ingredient in deodorants and other personal care products.

In addition, it is a skin-friendly ingredient, as it does not interfere with the natural transpiration of the skin and does not disturb the natural flora, making it a safe and gentle ingredient for use in skin care products.

More recently, anti-inflammatory properties have even been discovered. Zinc ricinoleate may soothe irritated skin and reduce redness, making it a beneficial ingredient in products for sensitive skin.

APPLICATIONS

Cosmetics

- Body care
- Foot cream
- Deodorant

FORMULATION

Zinc ricinoleate can be introduced into the hot fatty phase before the emulsion process. Synergetic effects can be developed while using Triethyl citrate for a complete deodorizing action.

BENEFITS

- Useable in natural deodorant
- Suitable for "aluminium salt-free" Formulations can be used.
- Suitable for sensitive and delicate skin.
- Ideal for emulsion products in any kind of viscosity (cream, milk, stick, roll-on)
- Possible to use for deodorant products for underarms, feet, body, scalp, hair)

REGULATORY

ECOCERT/COSMOS Allowed

SHELF LIFE

24 months under proper storage conditions