

NaturalZPDeo

Specification Sheet

Description: Sodium Zinc Polyitaconate is a water-soluble, zinc-based polymer active that neutralizes odor by binding odor-causing molecules rather than masking scent. It does not interfere with natural perspiration, leaves no visible residue, and is suitable for fragrance-free formulations.

CAS: 7732-18-5, 1662663-05-9, 1310-58-3

INCI Name: Water (and) Sodium Zinc Polyitaconate (and) Potassium Hydroxide

Composition: Water, Sodium Zinc Polyitaconate, Potassium Hydroxide, Pentylene Glycol, Phenylpropanol

Appearance: Clear to slightly hazy yellow liquid

Benefits:

- Neutralizes odor-causing molecules rather than masking odor
- Zinc-based, non-biocidal odor control technology
- Does not interfere with natural perspiration
- Enables fragrance-free and low-irritation formulations
- Allows for all-natural claims in finished products

Use: Recommended use level 1.0-6.0%. Add to the formulation at or below 40°C. For external use only.

Applications: Body sprays, creams, lotions, room sprays and texture sprays.

Solubility: Water soluble

Preservation: Pentylene Glycol and Phenylpropanol

Storage: Store in a cool, dry place at room temperature. Keep container tightly closed and protect from extreme heat or freezing.

Country of Origin: USA

Raw material source: Poly(itaconic acid): Bio-based polymer (fermentation-derived itaconic acid), Zinc: Mineral (zinc salt)



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Manufacture: NaturalZPDeo is manufactured by incorporating Sodium polyitaconate and zinc oxide into purified water. Potassium hydroxide is used for pH adjustment as needed, followed by the addition of preservative. The finished batch is filtered prior to final use or packaging.

Animal Testing: Not animal tested.

GMO: GMO-free

Vegan: Does not contain animal-derived components.

HS Code: 2017197050