10800 231st Way NE
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Zinc Oxide Dispersion, Paste

Specification Sheet

Description: Highly purified non-nano zinc oxide dispersed in a natural and sustainable carrier system made from caprylic/capric triglyceride. 76-81.5% solids.

CAS: 1314-13-2, 65381-09-1, 73398-61-5, 27924-99-8, 30399-84-9, 8002-43-5, 29894-35-7

INCI Name: Zinc oxide, caprylic/capric triglyceride, polyhydroxystearic acid, isostearic acid, lecithin, polyglyceryl-3 polyricinoleate

Composition: Zinc oxide, caprylic/capric triglyceride, polyhydroxystearic acid, isostearic acid, lecithin, polyglyceryl-3 polyricinoleate

Appearance: Off-white soft cream, characteristic odor

Benefits:

- High solids dispersion offers significant broad spectrum performance. Blocks wavelengths from 280-400nm for UVA and UVB protection.
- Dispersed in a natural and sustainable carrier system
- High solids composition ~80% allows formulators flexibility without sacrificing the performance
- Helps formulators create high performing, anti-aging skin care and color cosmetic products
  Ideal for sun blocks

Use: Add to oil phase of formulas. Typical use level 1-30%. Maximum allowed: USA 25%. Can be combined with other sun screens & pigments. For external use only.

Applications: Sun care & after-sun products, anti-aging skin care products, color cosmetics with SPF protection.

Solubility: Dispersible in oils and most organic solvents

Preservation: Preservative-free

Storage: Store in a well-ventilated place, at room temperature

Country of Origin: USA

Raw material source: Mineral-Zinc & Vegetable

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Manufacture: All the ingredients are heated to 60-120 and ZnO is slowly dispersed. Further it is intensively mixed for 6-12 hours at 60-120 degree C.

Animal Testing: Not animal tested

GMO: GMO-free

Vegan: Does not contain animal-derived components

HS Code: 2817000000

Regulatory Information: Sunscreens are registered as API (Active Pharmaceutical Ingredient) or OTC-drug with the FDA. This means that, if you want to sell products containing a sunscreen, your facility must be registered with the FDA and operate under cGMP guidelines. Further information about the FDA regulation of sunscreens can be found in our resource section. If used as colorant, Zinc oxide is a FDA-approved color additive but is exempt from batch certification. It is safe for use in coloring cosmetics generally, including cosmetics applied to the area of the eye, in amounts consistent with good manufacturing practice.