

Fine Chemicals and More...



SUN CARE

EverCare[★]
Innovate · Enable · Protect

Mineral UV-Protection

Zano[®] / Xperse[®] / Assure+

Background

- The Zano[®] and Xperse[®] zinc oxide and zinc oxide dispersions are highly effective mineral UV-filters. They combine transparency, good UVA/UVB ratio with safety and naturality.
- It makes them the ideal solution to formulate natural and globally compliant sun care products.
- As such, there is a Zano[®] grade that will cover the specific performance needs in designing sunscreen performance. Each Zano[®] product is available in uncoated (COSMOS approved) pure form and a triethoxycaprylylsilane surface treated version.

Transparency

Zano[®] 20
Zano[®] 20 Plus

Offering the highest level of transparency with sufficient levels of UVA to meet CWL requirements

Zano[®] 10
Zano[®] 10 Plus

Greatest balance between broadband UV protection and transparency

Zano[®] M
Zano[®] M Plus

Highest levels of UVA protection
Provides boost of critical wavelength

UVA Protection



Zano® Zinc Oxide Powders

ZANO® 10 & ZANO® 10 PLUS

- Greatest balance between broadband UV protection and transparency

ZANO® 20 & ZANO® 20 PLUS

- Offering the highest level of transparency with sufficient levels of UVA to meet CWL requirements

ZANO® M & ZANO® M PLUS

- Highest levels of UVA protection
- Provides boost of critical wavelength

SPF AND UVA PERFORMANCE

- Zano® 10 (Plus) and Zano® M (Plus) will add up to 1.6 SPF units per weight percentage used as single UV blocker.
- Zano® 10 will ensure compliance to all world-wide UVA regulations and provides critical wavelength values of at least 373 nm.
- Zano® M provides enhanced UVA protection by providing critical wavelength values up to 385 nm.



Xperse® Zinc Oxide Dispersions

Xperse® - Is a range of Zano® zinc oxide grades in various emollients, such as CCT and sesame oil and offer an easy processable solution in case formulation with powder is not the process of choice.

*) COSMOS approved

- **Xperse® 101*)**: 60% Zano® 10 in sesame oil
- **Xperse® 102*)**: 60% Zano® 10 in CCT
- **Xperse® 152*)**: 70% Zano® M in CCT
- **Xperse® 251**: 70% Zano® M Plus in CCT
- **Xperse® 501*)**: 60% Zano® 20 in CCT
- Further combinations available



Assure+ Natural SPF booster

Benefits

- Plant-based SPF booster originated from pongamia species using eco-friendly extraction process
- Provides up to 20 – 40% UVA and SPF boosting dependent on use level
- Improves the SPF at very low concentrations
- Ideal solution for organic sun care systems with high SPF without compromising on aesthetics, safety and cost/performance

INCI: Pongamia Pinnata Seed Extract

Properties

- Soluble in organic solvents
- > 95% purity
- Suggested use rate: 0,10 – 0,25%
- COSMOS approved

Disclaimer: This information is based on our present state of knowledge and is intended to provide general notes on our products and their uses. It should not therefore be construed as guaranteeing specific properties of the products described or their suitability for a particular application. Any existing industrial property rights must be observed.