



# ZeoSAES™

## Product Catalogue

Discover our innovative and versatile portfolio of raw materials derived from engineered zeolites, offering safe solutions as alternatives to microplastics, silica and titanium dioxide. Embrace broad-reaching cosmetic product benefits with our functional additives, which feature:

- Rheology enhancers
- Texture transformers
- Sensory enhancers
- Visual modifiers
- Opacifiers and whitening agents
- UV Booster



ZeoSAES™

# Discover new **high purity zeolites** that unlock **universal product benefits**.

**SAES Chemicals, a division of the Italian company SAES Getters S.p.A., with more than 15 years of experience of research, development, and production of chemical solutions and 14 patents, is a leading player in customized specialty zeolites. Our production sites, based in Italy, have a cumulative zeolite-based production capacity of more than 100 tons.**

At a heart of SAES lies the transformation of tiny zeolite particles into original and effective solutions of high relevance for diverse industries. Whether it is consumer electronics, high barrier packaging, or water-based coatings, our zeolite-based solutions can reach impressive results, boosting product functionality and performance.

Delivering what consumers demand – great performance from high purity products, made with clean chemistry. Leveraging on decades of expertise we develop new materials through our specialty chemicals platforms. Their versatility has seen a continuous expansion in their range applications across various sectors, now entering Beauty & Personal Care.

Pioneering the future of high-purity and clean chemistry solutions and ingredients, amid the vast number of zeolite types on the market of more than 200 varieties we offer a portfolio of selected zeolites, with a combination of tailored properties, such as shape, pore size, chemical composition, and surface characteristics, to meet the most demanding cosmetic needs and requests.

## **What sets us apart?**

**Backed by Science** | All our products derive from our proprietary platforms: ZeoSAES™ and SAESBeads™, open limitless opportunities, with hundreds of tuned compositions. Whether it is breakthrough protective formulations for consumer electronics, high barrier packaging, antibacterial additive for water-based coatings, or a high-performance UV booster for cosmetic formulations

**Precision in every Particle** | SAES ensures that each particle is crafted with unparalleled quality, tailored to the needs of every purpose.

**Commitment to Innovation** | With continuous investments in R&D, SAES's innovation potential flourishes with many different technologies. To-date, SAES Chemicals IP portfolio includes 14 patent families, a number that continues to grow every year alongside their geographical coverage across the globe.



# Summary

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# Claim Overview

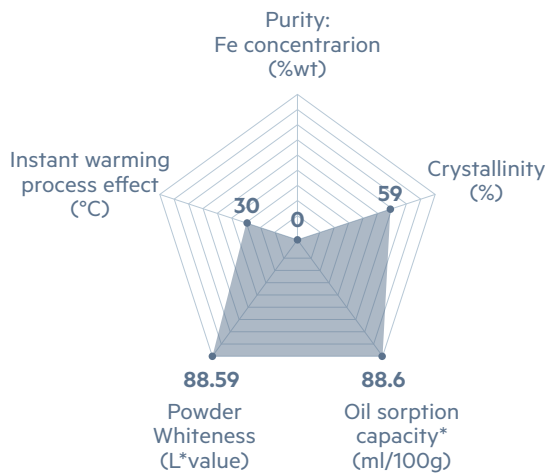
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Property	ZeoSAES™ Texturizer	ZeoSAES™ Whipped	ZeoSAES™ Soft Focus	ZeoSAES™ UV Booster
Rheology enhancer	+++	+	++	+++
Texture transformer	+	+++	+++	++
Sensory enhancer	+	++	+++	+
Visual modifier	+	+++	+++	++
Opacifier, Whitening effect	+	+++	++	+

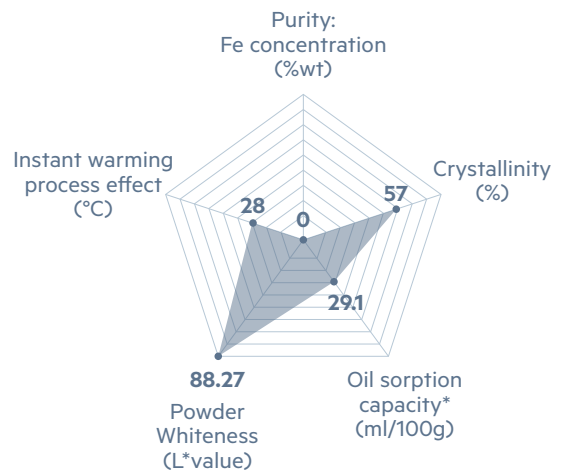
+++ Strong  
++ Medium  
+ Light

# Radar Graphs

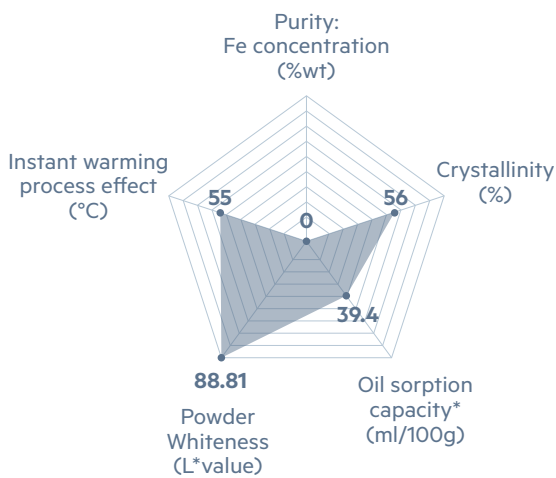
## ZeoSAES™ Texturizer 5X6010



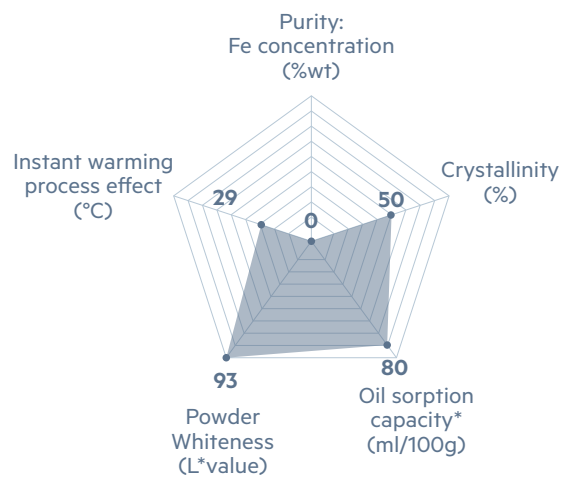
## ZeoSAES™ Whipped 5X6001



## ZeoSAES™ Soft Focus 5X6006



## ZeoSAES™ UV Booster 5X6015

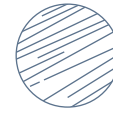


*\*No size and shape modification due to oil absorption*

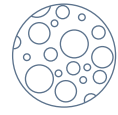


# ZeoSAES™ Texturizer

## 5X6010



MAKE UP



SKINCARE

Provides a **silky effect** and **creamy texture** to formulations, enabling sensorial easy application, fast absorption and increased color payoff. An **ideal alternative for silica and microplastics** in skincare and make up formulations.

### Benefits



SILK  
FINISH



RICH  
TEXTURE



INCREASED  
COLOR PAYOFF



EFFORTLESS  
APPLICATION



DRY  
TOUCH

**Characteristics** Fine powder **Non-Nano** according to recommendation 2011/696/EU  
  
X90 volume distribution: **<30 µm**

**Product Features**

- **Good dispersibility** in water and oil
- **Soft sensorial feel** and **great spreadability**
- **Great oil absorption** capabilities
- **Increases viscosity** to formulas, allowing the reduction of consistency factors
- **High compactness** and **high pigmentation**
- **Even colour distribution, increased payoff**
- **No fallout**

### Suggested Applications

Please, contact us for further formulation suggestions.



POWDERS



EMULSIONS

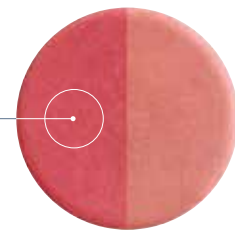


ANHYDROUS

### Scientific Support

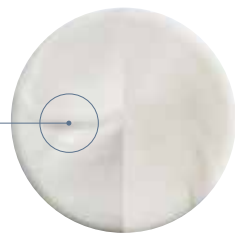
**+10%**  
Color Payoff

Compared to bench formulation with silica. SAES internal method through UV-Vis spectrometer.



**+70%\*** stated an  
**extra silky touch**

Compared to bench formulation with starch.  
\*Internal panel of 20 women (25 - 55 years old).

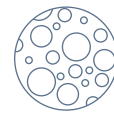


# ZeoSAES™ Whipped

## 5X6001



MAKE UP



SKINCARE

Provides a **weightless texture** and **whipped finish** for a seamless application and soft comfortable stay throughout the entire day. **The ideal ingredient to reduce or substitute TiO<sub>2</sub> into formulation**, leveraging its whitening properties.

### Benefits



SATIN  
FINISH



WEIGHTLESS  
TEXTURE



INCREASED  
COLOR PAYOFF



MOUSSE-LIKE  
TEXTURE



FAST ABSORPTION  
AND LONG LASTING

**Characteristics** Fine powder **Non-Nano** according to recommendation 2011/696/EU  
  
X90 volume distribution: **<30 µm**

**Product Features**

- **Good dispersibility** in water and oil
- **Great foaming agent**, providing a **whipped texture** into O/W formulas
- **Creamy feel and texture**
- **Long lasting function**
- **Exothermic reaction**
- **Whitening properties**

### Suggested Applications

Please, contact us for further formulation suggestions.



POWDERS



EMULSIONS

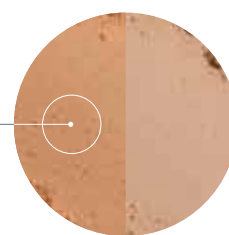


ANHYDROUS

### Scientific Support

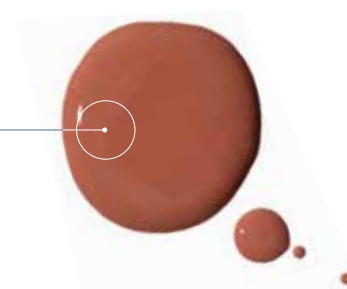
**+10%**  
Color Payoff

Compared to bench formulation. SAES internal method through UV-Vis spectrometer.



**4x more**  
viscosity

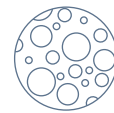
Compared to bench formulation. SAES internal method through Rheometer.



# ZeoSAES™ Soft Focus 5X6006



MAKE UP



SKINCARE

Provides a subtle and **natural coverage**, perfect for **hiding skin imperfections** with a **soft-focus effect**. **Mattifies and evens skin tone**. Offers **improved compacting properties** compared to silica.

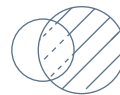
## Benefits



**MATTE  
FINISH**



**GOOD  
COVERAGE**



**BLURRING  
EFFECT**



**DRY  
TOUCH**

## Characteristics

Fine powder **Non-Nano** according to recommendation 2011/696/EU

X90 volume distribution: **<30 µm**

## Product Features

- **Good dispersibility** in water and oil
- **No gelling capabilities in oil** allows **perfect texturing powers** in anhydrous formulation
- **Great opacifying** capabilities
- **Better compacting** performance
- **Strong warming agent**
- **Optimal soft focus agent**
- **Even color distribution, no fallout**

## Suggested Applications

*Please, contact us for further formulation suggestions.*



**POWDERS**



**EMULSIONS**



**ANHYDROUS**

**SOLAR PROTECTION**

# ZeoSAES™ UV Booster 5X6015



**SOLAR  
PROTECTION**



**MAKE UP**



**SKINCARE**

Provides an excellent **UV boosting effect** scattering UVA&UVB rays and allows to reduce UV organic filter quantity in formulation. It also combines **sensorial application** on skin thanks to texturizing properties.

## Benefits

**10**

Chemical Filters  
Compatibility and  
Efficacy tested

**US, EU, KR, BR**

Cosmetic Regulation OK

## SPF30 and SPF50+ (Lotion and Cream)

SPF tested  
**in vitro**  
ISO/DIS 23675

UVA-PF tested  
**in vitro**  
ISO 24443:2021

**Covered**

by Patent applications

**3%**

Ingredient in  
Formulation

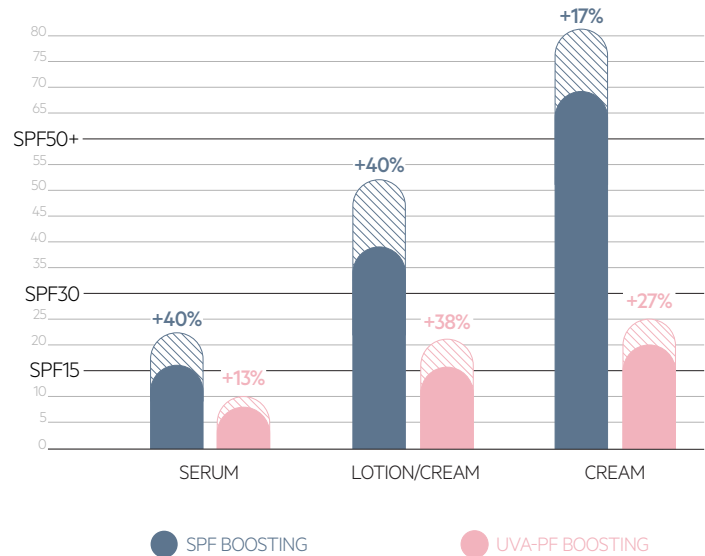
## SPF15 (Serum)

SPF tested  
**in vivo**  
ISO 24444:2019

*Cosmetics — Sun protection test Methods*

**Characteristics** Fine powder **Non-Nano** according to recommendation 2011/696/EU  
X90 volume distribution: **<30 µm**

## Scientific Support



## Suggested Applications

Please, contact us for further formulation suggestions.



**POWDERS**



**EMULSIONS**



**ANHYDROUS**

## Product Features

- **Water and oil dispersable**
- **Highly compatible** with all **SPF range**
- **Improved overall stability**
- **Compatible with WR solar care formulation**
- **Strong rheology modifier**, increasing body and improving density
- **Increased sebum control**
- **Increased oil and sweat absorption**
- **Compatible with chemical filters**

## Certifications

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**Cruelty-free suitable**

**Halal certifiable**

**Heavy metal tested**

Ni, Cr < 10 ppm, other metals < 1 ppm

**OK Sephora list**

**OK Credo list**

**ISO 14001**

**ISO 9001**

## Registrations

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OK EU / US / China / Japan / South  
Korea / Mercosur Cosmetic regulation





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