Technical data sheet

Version: 3.2 *Issue date : 29/10/2020* *Revision date: 16/03/2026*

1. PRODUCT IDENTITY

Product name	:	**Pink clay CLINCHANT superfine**
Supplier	:	EMSPAC
Supplier address	:	16 Chemin du Périguil 30340 MONS – France Tel: +33 (0)4 66 83 73 32
INCI name	:	Kaolin / Illite
N°CAS	:	1332-58-7 / 12173-60-3
N°CE	:	310-194-1 / -
REACH	:	Exempt (Annex V)
HS Code	:	25070020
Use	:	Cosmetic raw material
Country of origin	:	France

2. PRODUCT DESCRIPTION

Natural mineral products obtained through mining extraction; drying; mechanical grinding; sieving; packaging. No chemical treatment is applied.

3. PHYSICAL & TECHNICAL CHARACTERISTICS

Parameters		Specification
Appearance	:	Fine pink powder
Particle size distribution	:	75 µm
PH	:	7 ± 1

4. CHEMICAL PROPERTIES

Note: due to the natural origin of the clay, variations in composition and color may occur. Values are indicative and based on representative sampling.

Chemical analysis :

SiO_2	≈ 55.6%	CaO	≈ 0,62 %
Al_2O_3	≈ 27.3%	Na_2O	≈ 0,10 %
Fe_2O_3	≈ 3.43%	MgO	≈ 0,98 %
TiO_2	≈ 0,37 %		

5. PROPERTIES

Functions (INCI):

- Absorbent agent: Captures water and/or oils, either in dissolved form or as fine particles.
- Anti-caking agent: Improves the flow properties of powders and prevents particle agglomeration in solid or powdered cosmetic formulations.
- Bulking agent: Decreases the apparent density of cosmetic products, contributing to a lighter texture.

- Opacifying colorant: Provides color while reducing transparency, giving the product a more opaque appearance.

6. REGULATORY INFORMATION

The product complies with Regulation (EC) No 1223/2009 on cosmetic products;

- ✓ Does not contain intentionally added substances classified as CMR categories 1A, 1B or 2 according to Regulation (EC) No 1272/2008.;
- ✓ Is not subject to animal testing;
- ✓ Is of natural mineral origin.
- ✓ Raw material of natural mineral origin suitable for use in COSMOS certified formulations, subject to certification body approval.

7. ALLERGENS

Does not contain any fragrance allergens listed in Annex III of Regulation (EC) No 1223/2009 intentionally added.

8. GMOS – NANOMATERIALS – IRRADIATION

Criterion	Status
GMOs	Not applicable
Nanomaterials	No
Irradiation	No
Residual solvents	Not applicable

9. DURABILITY & STORAGE CONDITIONS

Mineral stability

- **Long-term stability**: As natural mineral substances formed over millions of years, clays possess a stable mineralogical composition that does not degrade over time.
- **Shelf life:** Consequently, they do not have an expiration date in the traditional sense, as their chemical structure and composition remain intact.

Best Before Date (BBD) & traceability

- Definition: The indicated Best Before Date (BBD) refers specifically to the limit of our traceability guarantee and our internal sample retention period.
- Quality assurance: Beyond this period, while the product remains mineralogically stable, we can no longer guarantee the verification of quality standards or provide batch-specific control.

Storage & Good Manufacturing Practices (GMP)

To maintain the integrity of the product and prevent external contamination, it is essential to adhere to the following guidelines:

- Environment: Store in a dry, cool, and well-ventilated area.
- Protection: Keep the packaging tightly closed when not in use to avoid exposure to moisture and environmental pollutants.

- Compliance: Users must follow Good Manufacturing Practices (GMP) during handling and transformation to ensure the microbiological safety of the final product.

10. PRECAUTIONS FOR USE

- Avoid inhalation of dust
- Do not ingest
- Avoid contact with eyes
- Keep out of reach of children
- Handle in a well-ventilated area
- Use appropriate protective equipment where necessary

This product is intended for professional use or for formulation into finished cosmetic products. Appropriate risk management measures must be implemented by the user depending on the intended application and processing conditions.

11. INFORMATION & LIABILITY

Information

Our clays are supplied neither ionized nor debacterized. Microbiological analyses are performed prior to packaging ; however, these results are indicative only and do not constitute a guarantee of the microbiological status of the material.

The product may be subject to contamination during subsequent handling steps, including conveying, packaging, transport, storage, or incorporation into cosmetic formulations. Consequently, where required, it is the responsibility of the user to implement appropriate microbiological risk control measures, including debacterization and verification testing on the finished product and/or relevant batch.

The majority of our customers use the clays as supplied. Some users perform additional treatments, such as debacterization (e.g. autoclave processing), or request ionization as a supplementary service, depending on their internal specifications and regulatory requirements.

Regulatory & liability disclaimer

All information provided in this documentation is based on data considered reliable and reflects our current knowledge and experience. It is the responsibility of the user to ensure that the final product complies with all applicable regulations and to validate the suitability, safety, and stability of the product under its intended conditions of use. Users remain solely responsible for ensuring compliance with all applicable legal and regulatory requirements.

As the conditions of use, processing, and formulation are beyond our control, EMSPAC – Les Argiles du Soleil shall not be held liable for any direct or indirect damages resulting from the use of this material.

No express or implied warranty is provided, including with respect to fitness for a particular purpose. EMSPAC – Les Argiles du Soleil shall not be held liable for any damages resulting from improper use of the product.

This document may be updated at any time, in particular to reflect regulatory changes or new scientific data.