

**TECHNICAL DATA SHEET**Effective date: 11.2020  
Rev.1**White Clay****INFORMATION ON SUBSTANCE / MIXTURE**

INCI	Kaolinite
Raw material name	Kaolinite - Natural Silicate of aluminium and both, Iron and Magnesium
Major Constituent	Kaolinite 100%
Origin	Mineral, 100% natural product
Chemical formula	$Al_2Si_2O_5(OH)_4$
Manufacturing process	The mineral is extracted by means of digging, then crushed, dried and ground

**TECHNICAL DATA****Physical parameters**

Appearance	Fine powder
Particle size	< 40 $\mu$ m
Color	Off-White
Odor	Neutral
Density	2.6 g/cm <sup>3</sup>

**Chemical parameters**

Elements	%
SiO <sub>2</sub>	48 to 50
Al <sub>2</sub> O <sub>3</sub>	35 to 37
Fe <sub>2</sub> O <sub>3</sub>	0.6 to 0.8
MgO	0.2 to 0.4
K <sub>2</sub> O	1.9 to 2.3
Na <sub>2</sub> O	0.1 to 0.2
TiO <sub>2</sub>	0.04 to 0.06
CaO	0.09 to 0.11

**Biological parameters**

Aerobic mesophilic count	< 1000 cfu/g
Staphylococcus aureus	Absent/g

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Pseudomonas aeruginosa	Absent/g
Candida albicans	Absent/g
Escherichia coli	Absent/g

**Impurities**

Heavy metals	mg/kg
Arsenic	< 14
Lead	< 17
Cadmium	< 0.025
Mercury	< 0.025

**LEGISLATION**

Certification	-
CMR substances	This product is free from substances classified as carcinogenic, mutagenic or toxic for reproduction (CMR) of category 1A, 1B or 2 under Part 3 of Annex VI to Regulation (EC) No 1272/2008.
Nanomaterials	This product is not considered as a nanomaterial, and doesn't contain nanoparticles as defined by the European commission and as described in EU n°1223/2009 and 2012-232 (ANSES).
Animal testing	No
Ionisation	Has not undergone any gamma ray processing
Gelatin	Do not contain any kind of gelatin
GMO	Non-GMO
EINECS	-
CAS	1332-58-7

**TRANSPORT, STORAGE and SHELF LIFE**

Storage conditions	Store in closed containers, sheltered away from extreme temperatures (- 10° C / + 40° C) and humidity
Shelf Life	5 years under good storage conditions.
Customs code	2508400000



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