

According to directive 1907/EC/2006, 2020/878  
Version 1.0 Issue Date: 05-01-2023  
Trade name: Kaolin

Page: Page 1 from 8  
Print Date: 10-1-2023

## **SECTION 1: Identification of the substance/mixture and of the company/undertaking**

### **1.1 Product identification:**

Product name: Kaolin.  
REACH Number : Exempted in accordance Annex V.7  
CAS No : 1332-58-7

### **1.2 Relevant identified uses of the substance or mixture and uses advised against**

Use of the Substance/Mixture: Manufacture of paints, varnishes and similar coatings,  
printing ink and mastics  
Manufacture of dyes and pigments  
Manufacture of glues  
Manufacture of plastics products  
Manufacture of rubber products  
Chemical-Technical Industry  
Mixing  
Filling  
Fillers  
Carrier  
Colouring agents, pigments  
Rubber products

Recommended restrictions on use: For industrial use only.  
Other industries not mentioned are excluded.

### **1.3 Details of the supplier of the safety data sheet**

Responsible distributor: ASSYST bvba / A.S.O.W. bvba  
Hellegatstraat 13a  
2590 Berlaar  
Belgium  
Tel: +32 495 50 61 14 / +32 496 83 70 27  
Website: [www.assyst.org](http://www.assyst.org) / [www.artsuppliesonweb.com](http://www.artsuppliesonweb.com)  
Email: [ao@assyst.org](mailto:ao@assyst.org) / [vera.opsommer@assyst.org](mailto:vera.opsommer@assyst.org)

### **1.4 Emergency telephone number:**

For Belgium: Call the **Poison Control Center (070 245 245 - free)**, if not available: **02 264 96 30** (normal rate) or your doctor. In life-threatening situations, always call the European emergency number **112**.

NHS 24 Direct For help from a GP, visit your GP surgery's website, use an online service to contact your GP, or call the surgery. **For urgent medical help**, use the NHS 111 online service, or **call 111** if you are unable to get help online. **For life-threatening emergencies, call 999** for an ambulance. There is more information about getting medical help on the NHS website.

## **SECTION 2: Hazard identification**

### **2.1 Classification of the substance or mixture:**

**Classification according to Directive (EC) No 1272/2008 and its amendments.**

Not a hazardous substance or mixture.

### **2.2 Label elements:**

**Labelling according to Regulation (EC) No 1272/2008 [CLP/GHS]:** Not applicable.

Not a hazardous substance or mixture.

### **2.3 Other hazards:**

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of

According to directive 1907/EC/2006, 2020/878  
Version 1.0 Issue Date: 05-01-2023  
Trade name: Kaolin

Page: Page 2 from 8  
Print Date: 10-1-2023

0.1% or higher.

**Ecological information:**

The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

**Toxicological information:**

The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

**SECTION 3: Composition and information on ingredients**

**3.1 Substances:**

Substance name:	kaolin, washed
CAS-No.:	1332-58-7
Chemical nature:	Kaolin, hydrated Aluminum silicate

**Components:**

Remarks : No hazardous ingredients

**SECTION 4: First aid measures**

**4.1 Description of first aid measures:**

**If inhaled:**

Move to fresh air in case of accidental inhalation of dust or fumes from overheating or combustion.  
If symptoms persist, call a physician.

**In case of skin contact:**

Take off contaminated clothing and shoes immediately.  
Wash off with soap and plenty of water.

**In case of eye contact:**

Flush eyes with water as a precaution.  
Remove contact lenses.  
Protect unharmed eye.  
Keep eye wide open while rinsing.

**If swallowed:**

Clean mouth with water and drink afterwards plenty of water.  
Do not give milk or alcoholic beverages.  
Never give anything by mouth to an unconscious person.

**4.2 Most important symptoms and effects, both acute and delayed:**

T None known.

**4.3 Indication of any immediate medical attention and special treatment needed:**

No data available.

**SECTION 5: Fire-fighting measures**

**5.1 Extinguishing media:**

**Suitable extinguishing media:**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.  
Not combustible.

**5.2 Special hazards arising from the substance or mixture**

No hazardous combustion products are known.

**5.3 Advice for firefighters:**

**Special protective equipment for firefighters:**

In the event of fire, wear self-contained breathing apparatus.

**Further information:**

Standard procedure for chemical fires.

According to directive 1907/EC/2006, 2020/878  
Version 1.0 Issue Date: 05-01-2023  
Trade name: Kaolin

Page: Page 3 from 8  
Print Date: 10-1-2023

## **SECTION 6: Accidental release measures for the substance or mixture**

### **6.1 Personal precautions, protective equipment and emergency procedures:**

#### **Personal precautions :**

Avoid dust formation.

Avoid inhaling vapours/mist/gas.

For personal protection, see section 8.

### **6.2 Environmental precautions:**

No special environmental precautions required.

### **6.3 Methods and material for containment and cleaning up**

Sweep up and shovel.

Keep in suitable, closed containers for disposal.

### **6.4 Reference to other sections:**

For waste disposal, see section 13.

## **SECTION 7: Handling and storage:**

### **7.1 Precautions for safe handling**

#### **Advice on safe handling :**

For personal protection see section 8.

No special handling advice required.

#### **Advice on protection against fire and explosion:**

No special precautions required.

#### **Hygiene measures :**

General industrial hygiene practice.

### **7.2 Conditions for safe storage, including any incompatibilities**

#### **Requirements for storage areas and containers:**

Keep container tightly closed in a dry and well-ventilated place.

#### **Advice on common storage:**

No special restrictions on storage with other products.

#### **Further information on storage stability:**

Keep in a dry place.

No decomposition if stored and applied as directed.

### **7.3 Specific end use:**

No data available.

## **SECTION 8: Exposure controls/personal protection**

### **8.1 Control parameters:**

Contains no substances with occupational exposure limit values.

### **8.2 Exposure controls:**

#### **Technical measures**

Apply general industrial hygiene.

#### **Personal protection equipment**

##### **Eye protection :**

Safety glasses

##### **Hand protection:**

Remarks : For prolonged or repeated contact use protective gloves.

##### **Skin and body protection :**

Protective suit

##### **Respiratory protection :**

When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

Half mask with a particle filter P2 (EN 143).

According to directive 1907/EC/2006, 2020/878  
Version 1.0 Issue Date: 05-01-2023  
Trade name: Kaolin

Page: Page 4 from 8  
Print Date: 10-1-2023

## **SECTION 9: Physical and chemical properties**

### **9.1 Information on basic physical and chemical properties:**

Physical state :	powder
Colour :	white
Odour :	characteristic
Melting point :	> 1.700°C
Boiling point :	No data available
Flammability :	Does not ignite, Will not burn
Lower explosion limit / Lower flammability limit:	Not applicable
Flash point :	Not applicable
pH :	3,5 - 7,5 (20 °C)
Concentration:	200 g/l Method: DIN-ISO 787/9
Solubility(ies)	
Water solubility :	Insoluble
Partition coefficient: n-octanol/water:	log Pow: < 1 estimated
Density :	2,6 g/cm <sup>3</sup> (20 °C) Method: DIN-ISO 787/10

### **9.2 Other information**

Explosives :	Not explosive
<u>Flammable solids</u>	
Burning number:	1
Self-ignition :	Not applicable

## **SECTION 10: Stability and reactivity**

### **10.1 Reactivity:**

Stable under recommended storage conditions.

### **10.2 Chemical Stability:**

No decomposition if stored and applied as directed.

### **10.3 Potentially hazardous reactions:**

No hazards to be specially mentioned.

### **10.4 Conditions to avoid**

No data available.

### **10.5 Chemically Interacting Materials:**

No data available.

### **10.6 Hazardous decomposition products:**

No data available.

## **SECTION 11: Toxicological information**

### **11.1 Information on toxicological effects:**

#### **Acute toxicity**

Not classified based on available information.

Product:

#### **Acute oral toxicity :**

LD50 Oral (Rat): > 5.000 mg/kg

#### **Skin corrosion/irritation**

Not classified based on available information.

#### **Serious eye damage/eye irritation**

Not classified based on available information.

#### **Respiratory or skin sensitisation**

#### **Skin sensitisation**

According to directive 1907/EC/2006, 2020/878  
Version 1.0 Issue Date: 05-01-2023  
Trade name: Kaolin

Page: Page 5 from 8  
Print Date: 10-1-2023

Not classified based on available information.

**Respiratory sensitisation**

Not classified based on available information.

**Germ cell mutagenicity**

Not classified based on available information.

**Carcinogenicity**

Not classified based on available information.

**Reproductive toxicity**

Not classified based on available information.

**STOT - single exposure**

Not classified based on available information.

**STOT - repeated exposure**

Not classified based on available information.

**Aspiration toxicity**

Not classified based on available information.

11.2 Information on other hazards

**Endocrine disrupting properties**

Product:

Assessment : The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

**Further information**

Product:

Remarks : No data available

**SECTION 12: Ecological information**

12.1 Toxicity:

Product:

**Toxicity to fish :**

Remarks: No data available

**Toxicity to daphnia and other aquatic invertebrates:**

Remarks: No data available

**Toxicity to algae/aquatic plants:**

Remarks: No data available

**Toxicity to microorganisms :**

Remarks: No data available

12.2 Persistence and Degradability:

No data available.

12.3 Bioaccumulation:

No data available.

12.4 Mobility in Soil:

No data available.

12.5 Results of PBT and vPvB assessment

This substance/mixture does not contain any components that can be considered persistent, bioaccumulative and toxic (PBT) or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

12.6 Endocrine disrupting properties

Product:

Assessment : The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

12.7 Other adverse effects

Product:

According to directive 1907/EC/2006, 2020/878  
Version 1.0 Issue Date: 05-01-2023  
Trade name: Kaolin

Page: Page 6 from 8  
Print Date: 10-1-2023

### **Additional ecological information:**

In solid state these minerals are a major part of the rocks of the earth's surface. They are dissolved in a natural state and indispensable part of the natural waters. These minerals are not biodegradable. Negative effects on the environment should therefore be excluded. Restrictions may indicate that concentrated suspensions with these minerals in natural waters may have an unfavourable effect on water organisms (disturbance of the micro flora and - fauna in the sediment and subsequent detriment to the existence of higher water organisms).

### **SECTION 13: Instructions for disposal**

#### **13.1 Waste treatment methods:**

##### **Product :**

Offer surplus and non-recyclable solutions to a licensed disposal company.

##### **Contaminated packaging :**

Empty remaining contents.

Empty containers should be taken to an approved waste handling site for recycling or disposal.

### **SECTION 14: Information relating to carriage**

#### **14.1 UN number**

Not regulated as dangerous substance.

#### **14.2 Proper load name according to UN Model Regulations**

Not regulated as dangerous substance.

#### **14.3 Transport hazard class(es)**

Not regulated as dangerous substance.

#### **14.4 Packing group**

Not regulated as dangerous substance.

#### **14.5 Environmental hazards**

Not regulated as dangerous substance.

#### **14.6 Special precautions for the user**

Remarks :

Not classified as dangerous in the meaning of transport regulations.

#### **14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

Remarks: Not applicable for product as supplied.

### **SECTION 15: Legally required information**

#### **15.1 Safety, health and environmental regulations and legislation specific to the substance or mixture**

**REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, preparations and articles (Annex XVII):**

Not applicable

**REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59):**

Not applicable

**REACH - List of substances subject to authorisation (Annex XIV):**

Not applicable

**Regulation (EC) No 1005/2009 on substances that deplete the ozone layer:**

Not applicable

**Regulation (EU) 2019/1021 on persistent organic pollutants (recast):**

Not applicable

**Regulation (EC) No 649/2012 of the European Parliament and the Council concerning the export and import of dangerous chemicals:**

Not applicable

**Seveso II - Directive 2003/105/EC amending Council Directive 96/82/EC on the control of major-accident hazards involving dangerous substances:**

According to directive 1907/EC/2006, 2020/878  
Version 1.0 Issue Date: 05-01-2023  
Trade name: Kaolin

Page: Page 7 from 8  
Print Date: 10-1-2023

Not applicable

**Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances:**

Not applicable

**Volatile organic compounds : Directive 2010/75/EU of 24 November 2010 on industrial emissions (integrated pollution prevention and control):**

Not applicable

**Contains a substance which is subject to the SZW-list of carcinogenic substances (Ministry of Social Affairs and Employment):**

RCS (Respirable crystalline Silica - SiO<sub>2</sub>)

15.2 Chemical safety assessment:

A Chemical Safety Assessment is not required for this substance.

## **SECTION 16: Other information**

### **Full text of other abbreviations**

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - Agreement concerning the International Carriage of Dangerous Goods by Road (ADR Agreement); AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body Weight; CLP - Classification, Labelling and Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogenic, mutagenic or toxic to reproduction; DIN - Standard of the German Institute for Standardisation; DSL - List of Indoor Substances (Canada); ECHA - European Chemicals Agency; EC-Number - EINECS number; ECx - Concentration associated with x% response; ELx - Charge capacity associated with x% response; EmS - Emergency schedule; ENCS - Existing and New Chemicals (Japan); ErCx - Concentration associated with x% growth response; GHS - Globally Harmonised System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - Association for International Air Transport; IBC - IMO International Code for the Construction and Equipment of Ships Carrying Dangerous Chemicals in Bulk; IC50 - Half-Maximum Inhibitory Concentration; ICAO - International Civil Aviation Organisation; IECSC - Inventory List of Existing Chemicals in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organization for Standardization; KECI - Korean Inventory of Existing Chemicals; LC50 - Lethal concentration for 50% of a test population; LD50 - Lethal dose for 50% of a test population (lethal dose median); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not otherwise specified; NO(A)EC - No observable (negative) effect on concentration; NO(A)EL - No observable (negative) effect on Level; NOELR - No observable effect on cargo capacity; NZIoC - New Zealand Inventory of Chemicals; OECD - Organisation for Economic Co-operation and Development OECD; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Difficult to degrade, bioaccumulative and toxic substance; PICCS - Philippine Inventory of Chemicals and Chemicals; (Q)SAR - (Quantitative) Structure-Activity Relationships; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH); RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - Substance of Very High Concern; TCSI - Taiwanese Inventory of Chemical Substances; TECL - Inventory of Chemical Substances existing in Thailand; TRGS - Technical Regulation on Dangerous Substances; TSCA - Toxic Substances Control Act (US); UN - United Nations; vPvB - Very Difficult to Degrade and Very Bioaccumulative

### **Further information**

#### **Training advice:**

Provide good information, instruction and training for users.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty

# SAFETY DATA SHEET

According to directive 1907/EC/2006, 2020/878  
Version 1.0 Issue Date: 05-01-2023  
Trade name: Kaolin

Page: Page 8 from 8  
Print Date: 10-1-2023

or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.