



Conforms to 93/112/EC and ISO 11014-1 - United Kingdom (UK)

SAFETY DATA SHEET

KAOLIN LIGHT BP (CHINA CLAY)

MAAC017

1. Identification of the substance/preparation and of the company/undertaking

Product name : KAOLIN LIGHT BP (CHINA CLAY) **Supplier** : Naturally Balmy

EMERGENCY ONLY TELEPHONE NUMBER (N/A)

2. Composition/information on ingredients

Substance/Preparation : Preparation

Chemical name*	CAS No.	%	EC Number	Symbol	R-Phrases
1) Kaolin	1332-58-7	>99	310-194-1	-	-
2) TETRASODIUM PYROPHOSPHATE	7722-88-5	<0.3	231-767-1	-	-

* Occupational Exposure Limit(s), if available, are listed in Section 8

CAS No. Mixture.
EINECS Number Mixture.

3. Hazards identification

4. First-aid measures

First-Aid measures

- Inhalation** : If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Obtain medical attention.
- Ingestion** : Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband.
- Skin contact** : In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Wash clothing before reuse. Clean shoes thoroughly before reuse. Obtain medical attention.
- Eye Contact** : In case of contact, immediately flush eyes with a copious amount of water for at least 15 minutes. Obtain medical attention.
- Aggravating conditions** : Prolonged and/or massive exposure to respirable dust may have adverse lung effects. Due to its quartz content, excessive exposure to kaolin dust may notably cause pulmonary fibrosis and silicosis. There is some scientific debate going on about the possible carcinogenicity of quartz. There is a body of evidence supporting the fact that increased cancer risk would be limited to people already suffering from silicosis. According to current state of the art, worker protection against silicosis would be consistently assured by respecting present regulatory occupational limits.

5. Fire-fighting measures

Extinguishing Media

- Suitable** : SMALL FIRE: Use DRY chemical powder.
LARGE FIRE: Use water spray, fog or foam. Do not use water jet.

Special fire-fighting procedures : Fire fighters should wear self-contained positive pressure breathing apparatus (SCBA) and full turnout gear.

Protection of fire-fighters : Be sure to use an approved/certified respirator or equivalent.

6. Accidental release measures

Personal Precautions : Splash goggles. Protective overalls/suit. Boots. Gloves. Select appropriate protective clothing for the size of the spillage.

Environmental precautions and cleanup methods : Absorb with an inert material and put the spilled material in an appropriate waste disposal. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.

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7. Handling and storage

- Handling** : Keep away from heat. Keep away from sources of ignition. Empty containers may still contain significant residual amounts of the product. Ground all equipment containing material. Do not breathe gas/fumes/vapour/spray.
- Storage** : Keep container tightly closed. Keep container in a cool, well-ventilated area.
- Packaging materials**
- Recommended use** : Use original container.

8. Exposure controls/personal protection

- Engineering measures** : Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapours below their respective threshold limit value. Ensure that eyewash stations and safety showers are close to the workstation location.
- Hygiene measures** : Wash hands after handling compounds and before eating, smoking, using lavatory, and at the end of day.

<u>Ingredient Name</u>	<u>Workplace Exposure Limits</u>
1) SILICA, respirable crystalline	EH40 (United Kingdom (UK), 2005). TWA: 0.3 mg/m ³
2) TETRASODIUM PYROPHOSPHATE	EH40 (United Kingdom (UK), 2005). TWA: 5 mg/m ³
3) Kaolin	EH40 (United Kingdom (UK), 2005). TWA: 2 mg/m ³

Personal protective equipment

- Skin and body** : Overalls or Lab coat.
- Hands** : Chemical resistant gloves.
- Eyes** : Chemical splash goggles.

9. Physical and chemical properties

- Physical state** : Solid. (Powder.)
- Colour** : White.
- Odour** : Odourless.
- Boiling point** : Decomposition Temperature: >550°C (1022°F)
- Melting point** : >1200°C (2192°F)
- Density** : 2.6 g/cm³
- Solubility** : Negligible in water.
Soluble in Hydrofluoric acid.
- pH** : Not available.
- Flash point** : Not available.

10. Stability and reactivity

- Stability** : The product is stable.
- Conditions to Avoid** : Avoid dust formation.
- Materials to avoid** : Strong oxidising agents.

11. Toxicological information

- Local effects**
- Acute toxicity** : LD50: Not available.
LC50: Not available.
- Chronic toxicity** : Prolonged and/or massive exposure to respirable dust may have adverse lung effects. Due to its quartz content, excessive exposure to kaolin dust may notably cause pulmonary fibrosis and silicosis. There is some scientific debate going on about the possible carcinogenicity of quartz. There is a body of evidence supporting the fact that increased cancer risk would be limited to people already suffering from silicosis. According to current state of the art, worker protection against silicosis would be consistently assured by respecting present regulatory occupational limits.

12. Ecological information

- Ecotoxicity** : Not available.

13. Disposal considerations

Methods of disposal ; Waste of residues ; Contaminated packaging : Waste must be disposed of in accordance with federal, state and local environmental control regulations.

Waste Classification : Not applicable.

14. Transport information

International transport regulations

UN : UN number Not regulated.

UN : Proper shipping name -

ADR/RID : Class -

IMDG : Proper shipping name -

IATA : Proper shipping name -

IATA : Additional Information -

15. Regulatory information

EU Regulations

Risk Phrases : This product is not classified according to the EU regulations.

Product Use : Classification and labelling have been performed according to EU directives 67/548/EEC, 88/379/EEC, including amendments and the intended use.
- Consumer applications.

16. Other information

HISTORY

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Notice to Reader

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Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

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