# SAFETY DATA SHEET

according to Regulation (EU) 2015/830



## Kaolin

Revision 0

Revision date 2016-06-03

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

| | |
|---|---|
| **Product name** | **Kaolin** |
| **CAS No.** | **1332-58-7** |

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

| | |
|---|---|
| **Product Use** | **[SU3] Industrial uses: Uses of substances as such or in preparations at industrial sites; [PC39] Cosmetics, personal care products;** |
| **Description** | **Cosmetic Ingredient.** |

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

| | |
|---|---|
| **Company** | Purple Flame Aromatherapy **Ltd** |
| **Address** | **Unit** 1, Holman Way<br>Nuneaton<br>Warwickshire<br>CV11 4PN<br>**England** |
| **Web** | www.purpleflame.co.uk |
| **Telephone** | **+44 (0)** 1676 542542 |
| **Fax** | Not available |
| **Email** | info@purpleflame.co.uk |

### 1.4. Emergency telephone number

| | |
|---|---|
| **Emergency telephone number** | **+44 (0)** 1676 542542<br>**9.00 am - 4.00 pm Mon - Fri** |

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

| | |
|---|---|
| **Main hazards** | **No Significant Hazard** |

### 2.2. Label elements

| | |
|---|---|
| **Risk phrases** | **No Significant Hazard** |
| **SUPPLEMENTAL HAZARD INFORMATION** | **Nuisance Dust may cause irritation to the respiratory and gastro intestinal tract.** |

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

**67/548/EEC / 1999/45/EC**

| Chemical Name | Index No. | EC No. | REACH Registration Number | Conc. (%w/w) | Classification | M-factor. |
|---|---|---|---|---|---|---|
| Kaolin | | 1332-58-7 | | 90 - 100% | | |

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## 3.1. Substances

### EC 1272/2008

| Chemical Name | Index No. | CAS No. | EC No. | REACH Registration Number | Conc. (%w/w) | Classification | M-factor. |
|---|---|---|---|---|---|---|---|
| Kaolin | | 1332-58-7 | | | 90 - 100% | | |

### Description

Kaolinite Al2Si2O5(OH)4 or Al203.2SiO24H2O. This kaolin is a water refined aluminium silicate containing mainly kaolinite with trace quartz and mica. , Crystalline free silica is largely absent after this form of beneficiation.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

| | |
|---|---|
| Inhalation | If unconscious, check for breathing and apply artificial respiration if necessary. Move the exposed person to fresh air. Seek medical attention. |
| Eye contact | Rinse immediately with plenty of water for 15 minutes. Seek medical attention. |
| Skin contact | No Significant Hazard. However, if irritation occures seek medical attention. |
| Ingestion | Never give anything by mouth to an unconscious person. Rinse mouth thoroughly. DO NOT INDUCE VOMITING. Seek medical attention. |

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Non-flammable, Non-combustible. Use extinguishing media appropriate for any surrounding fire.

### 5.2. Special hazards arising from the substance or mixture

Nature of decomposition products not known.

### 5.3. Advice for firefighters

Self-contained breathing apparatus.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

Adopt best Manual Handling considerations when handling, carrying and dispensing. Ensure adequate ventilation of the working area. Evacuate personnel to a safe area. Wear suitable protective clothing and eye/face protection. Avoid breathing vapours, mist or gas., Precaution for nuisance dust to maintain dust levels below TLV–TWA. Material is very slippery when wet. .

### 6.2. Environmental precautions

Do not empty into drains. Do not flush into surface water. Do not let product contaminate subsoil.

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

Absorb with inert, absorbent material. Do not empty into drains; dispose of this material and its container in a safe way.

### 6.4. Reference to other sections

For disposal see section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Avoid contact with eyes and skin. Do not breathe gas/fumes/vapour/spray. Avoid sparks, flames, heat and sources of ignition. For precautions see section 2.2., Minimise dust generation.

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

Keep container tightly closed and in a well-ventilated place. Store in a cool, dry area. Containers which are opened must be carefully resealed and kept upright to prevent leakage., Wet methods

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

| | |
|---|---|
| | are recommended where practical, otherwise dust extraction should be installed at dust generation points. Keep away from sources of ignition - No smoking. |

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### 8.1.1. Exposure Limit Values

| | | |
|---|---|---|
| Kaolin | WEL 8-hr limit ppm: - | WEL 8-hr limit mg/m3: - |
| | WEL 15 min limit ppm: - | WEL 15 min limit mg/m3: - |
| | WEL 8-hr limit mg/m3 total inhalable dust: - | WEL 15 min limit mg/m3 total inhalable dust: - |
| | WEL 8-hr limit mg/m3 total respirable dust: 2 | WEL 15 min limit mg/m3 total respirable dust: - |

### 8.2. Exposure controls

| | |
|---|---|
| 8.2.1. Appropriate engineering controls | Handle in accordance with good industrial hygiene and safety practices. |
| Eye / face protection | Safety glasses. Suitable eye protection. |
| Skin protection - Handprotection | Wear suitable gloves. |
| Respiratory protection | In case of insufficient ventilation, wear suitable respiratory equipment. |

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

| | |
|---|---|
| Appearance | Powder |
| Colour | White/Off white |
| Odour | Odourless |
| Odour threshold | Not determined |
| pH | Not applicable. |
| Melting point | Not determined |
| Freezing Point | Not determined |
| Initial boiling point | Not determined |
| Flash point | Not determined |
| Evaporation rate | Not determined |
| Flammability (solid, gas) | Not determined |
| Vapour pressure | Not determined |
| Vapour density | Not determined |
| Relative density | 2.6 (H2O = 1 @ 20 °C) |
| Fat Solubility | Not determined |
| Partition coefficient | Not determined |
| Autoignition temperature | Not determined |
| Viscosity | Not determined |
| Explosive properties | Not determined |
| Oxidising properties | Not determined |
| Solubility | Insoluble in water |

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## 9.2. Other information

| | |
|---|---|
| Conductivity | Not determined |
| Surface tension | Not determined |
| Gas group | Not determined |
| Benzene Content | Not determined |
| Lead content | Not determined |
| VOC (Volatile organic compounds) | Not determined |

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Inert, Kaolin is chemically stable and compatible with other substances. It is non reactive and has no decomposition products.

## SECTION 11: Toxicological information

### Further information

PRIMARY ROUTE OF ENTRY: Eye contact and Inhalation. EFFECTS OF ACUTE EXPOSURE: None., EFFECTS OF CHRONIC EXPOSURE: Nuisance dust may cause respiratory problems, EXPOSURE LIMIT OF MATERIAL: Nuisance dust TLV-TWA 15mg/m3 total dust, MAXIMUM CONCENTRATION OF DUST IN AIR: 5 mg/m3 8 hour time-weighted average.

Information as provided by our supplier.

## SECTION 12: Ecological information

### 12.3. Bioaccumulative potential

**Partition coefficient**

| | |
|---|---|
| | Kaolin Not determined |

## SECTION 13: Disposal considerations

### Disposal methods

Do not empty into drains; dispose of this material and its container in a safe way. Contact a licensed waste disposal company.

**Disposal of packaging**

Contact a licensed waste disposal company.

## SECTION 14: Transport information

### 14.1. UN number

The product is not classified as dangerous for carriage.

**14.2. UN proper shipping name**

The product is not classified as dangerous for carriage.

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

The product is not classified as dangerous for carriage.

**14.4. Packing group**

The product is not classified as dangerous for carriage.

**14.5. Environmental hazards**

The product is not classified as dangerous for carriage.

**14.6. Special precautions for user**

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### 14.6. Special precautions for user

The product is not classified as dangerous for carriage.

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

The product is not classified as dangerous for carriage.

## SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

**Regulations**

REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.

### 15.2. Chemical safety assessment

A chemical safety assessment was not carried out for this substance.

## SECTION 16: Other information

### General information

When stored for more than 12 months under advised conditions, check quality of material before use.

**Further information**

The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This 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 other process.

Purple Flame Aromatherapy Ltd, Unit 1 Holman Way, Nuneaton, Warwickshire, CV11 4PN

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