



## SAFETY DATA SHEET FULLERS EARTH TECHNICAL MK2

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

#### 1.1. Product identifier

**Product name** FULLERS EARTH TECHNICAL MK2

**CAS number** 8031-18-3

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

**Identified uses** Manufacture of seed coatings, pesticides, decontaminant, filler for pelletising applications and primary treatment of industrial effluent.

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

**Supplier** PelGar International Ltd  
Unit 13  
Newman Lane  
Alton  
Hampshire  
GU34 2QR  
United Kingdom  
Telephone : +44(0)1420 80744  
E-mail: garry@pelgar.co.uk

#### 1.4. Emergency telephone number

**Emergency telephone** +44(0)1420 80744

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification

**Physical hazards** Not Classified

**Health hazards** Acute Tox. 4 - H332 Eye Irrit. 2 - H319 STOT SE 3 - H335

**Environmental hazards** Not Classified

**Human health** May cause respiratory irritation May cause serious eye irritation

**Environmental** Not classified.

#### 2.2. Label elements

##### Pictogram



**Signal word** Warning

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|                                 |  |
|---------------------------------|--|
| <b>Hazard statements</b>        | H319 Causes serious eye irritation.<br>H332 Harmful if inhaled.<br>H335 May cause respiratory irritation.  |
| <b>Precautionary statements</b> | P264 Wash contaminated skin thoroughly after handling.<br>P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.<br>P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.<br>P312 Call a POISON CENTER/doctor if you feel unwell.<br>P337+P313 If eye irritation persists: Get medical advice/attention.<br>P501 Dispose of contents/container in accordance with national regulations.<br>P260 Do not breathe dust/fume/gas/mist/vapours/spray.<br>P280 Wear eye and face protection. |

### 2.3. Other hazards

Not known

### SECTION 3: Composition/information on ingredients

#### 3.1. Substances

|                     |                             |
|---------------------|-----------------------------|
| <b>Product name</b> | FULLERS EARTH TECHNICAL MK2 |
| <b>CAS number</b>   | 8031-18-3                   |

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

|                            |  |
|----------------------------|--|
| <b>General information</b> | No specific recommendations. If in doubt, get medical attention promptly.                                    |
| <b>Inhalation</b>          | Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing.         |
| <b>Ingestion</b>           | Get medical attention if any discomfort continues.   |
| <b>Skin contact</b>        | Wash skin thoroughly with soap and water.  |
| <b>Eye contact</b>         | Rinse immediately with plenty of water. Continue to rinse for at least 15 minutes and get medical attention. |

#### 4.2. Most important symptoms and effects, both acute and delayed

|                     |  |
|---------------------|--|
| <b>Inhalation</b>   | Harmful if inhaled.                                      |
| <b>Ingestion</b>    | May cause discomfort if swallowed.                       |
| <b>Skin contact</b> | Prolonged skin contact may cause redness and irritation. |
| <b>Eye contact</b>  | Hazardous (irritant) to eye mucous membranes             |

#### 4.3. Indication of any immediate medical attention and special treatment needed

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

**Suitable extinguishing media** Water spray, foam, dry powder or carbon dioxide.

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

|                                      |   |
|--------------------------------------|---|
| <b>Specific hazards</b>              | Not known.  |
| <b>Hazardous combustion products</b> | Does not decompose when used and stored as recommended. |

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### 5.3. Advice for firefighters

**Protective actions during firefighting** Avoid breathing fire gases or vapours.

**Special protective equipment for firefighters** Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

## SECTION 6: Accidental release measures

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

**Personal precautions** Use personal protective equipment. Avoid dust formation. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust.

### 6.2. Environmental precautions

**Environmental precautions** Do not discharge into drains or watercourses or onto the ground.

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

**Methods for cleaning up** Wear necessary protective equipment. No specific clean-up procedure recommended.

### 6.4. Reference to other sections

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

**Usage precautions** Avoid contact with skin and eyes. Do not use in confined spaces without adequate ventilation and/or respirator. Wear protective clothing, gloves, eye and face protection. Running water and eye wash equipment should be available. Wash hands before breaks, before using restroom facilities and at the end of work.

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

**Storage precautions** No special storage precautions required.

### 7.3. Specific end use(s)

**Specific end use(s)** Fullers Earth Technical Decontamination kit

## SECTION 8: Exposure Controls/personal protection

### 8.1. Control parameters

#### Occupational exposure limits

**Ingredient comments** This product has no specific Occupational Exposure Limit (OEL). Respect regulatory provisions for dust (inhalable and respirable).

### 8.2. Exposure controls

#### Protective equipment



**Appropriate engineering controls** Provide adequate ventilation. Avoid inhalation of dust.

**Eye/face protection** The following protection should be worn: Wear eye protection.

**Other skin and body protection** Wear appropriate protective clothing to prevent skin exposure.

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**Hygiene measures** Provide eyewash station. Wash hands at the end of each work shift and before eating, smoking and using the toilet.

**Respiratory protection** If ventilation is inadequate, suitable respiratory protection must be worn.

### SECTION 9: Physical and Chemical Properties

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

|   |                             |
|---|-----------------------------|
| <b>Appearance</b>                                   | Free Flowing Powdered Solid |
| <b>Colour</b>                                       | Beige.                      |
| <b>Odour</b>  | Odourless.                  |
| <b>Odour threshold</b>                              | No information available.   |
| <b>pH</b>   | No information available.   |
| <b>Melting point</b>                                | No information available.   |
| <b>Initial boiling point and range</b>              | Not applicable.             |
| <b>Flash point</b>                                  | Not applicable.             |
| <b>Evaporation rate</b>                             | Not applicable.             |
| <b>Flammability (solid, gas)</b>                    | Not flammable.              |
| <b>Upper/lower flammability or explosive limits</b> | Not applicable.             |
| <b>Vapour pressure</b>                              | Not applicable.             |
| <b>Vapour density</b>                               | Not applicable.             |
| <b>Relative density</b>                             | No information available.   |
| <b>Solubility(ies)</b>                              | No information available.   |
| <b>Partition coefficient</b>                        | Not applicable.             |
| <b>Auto-ignition temperature</b>                    | Not applicable.             |
| <b>Decomposition Temperature</b>                    | No information available.   |
| <b>Viscosity</b>                                    | No information available.   |
| <b>Explosive properties</b>                         | No information available.   |
| <b>Oxidising properties</b>                         | Not oxidising.              |

#### 9.2. Other information

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

**Reactivity** There are no known reactivity hazards associated with this product.

#### 10.2. Chemical stability

**Stability** No particular stability concerns. Stable at normal ambient temperatures.

#### 10.3. Possibility of hazardous reactions

**Possibility of hazardous reactions** Not known. Will not polymerise.

#### 10.4. Conditions to avoid

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**Conditions to avoid** Not known

### 10.5. Incompatible materials

**Materials to avoid** Strong acids.

### 10.6. Hazardous decomposition products

**Hazardous decomposition products** Does not decompose when used and stored as recommended.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

**Toxicological effects** No information available.

#### Acute toxicity - inhalation

**ATE inhalation (dusts/mists mg/l)** 1.5

#### Skin corrosion/irritation

**Skin corrosion/irritation** No information available.

#### Serious eye damage/irritation

**Serious eye damage/irritation** No information available.

#### Respiratory sensitisation

**Respiratory sensitisation** No information available.

#### Skin sensitisation

**Skin sensitisation** No information available.

#### Germ cell mutagenicity

**Genotoxicity - in vivo** No information available.

#### Carcinogenicity

**Carcinogenicity** No component of this product present at levels of greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

#### Specific target organ toxicity - single exposure

**STOT - single exposure** May cause respiratory irritation.

#### Specific target organ toxicity - repeated exposure

**STOT - repeated exposure** No information available.

#### Aspiration hazard

**Aspiration hazard** No data available.

## SECTION 12: Ecological Information

**Ecotoxicity** The product is not expected to be hazardous to the environment.

### 12.1. Toxicity

**Toxicity** No data available.

### 12.2. Persistence and degradability

**Persistence and degradability** Not known

### 12.3. Bioaccumulative potential

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**Bioaccumulative potential** No data available on bioaccumulation.

**Partition coefficient** Not applicable.

### 12.4. Mobility in soil

**Mobility** Not known

### 12.5. Results of PBT and vPvB assessment

**Results of PBT and vPvB assessment** PBT/vPvB assessment not available as chemical safety assessment not required/not conducted.

### 12.6. Other adverse effects

**Other adverse effects** Not known.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

**General information** Dispose of waste in compliance with all local and national regulations.

## SECTION 14: Transport information

**General** The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

### 14.1. UN number

Not applicable.

### 14.2. UN proper shipping name

Not applicable.

### 14.3. Transport hazard class(es)

No transport warning sign required.

### 14.4. Packing group

Not applicable.

### 14.5. Environmental hazards

**Environmentally hazardous substance/marine pollutant**  
No.

### 14.6. Special precautions for user

Not applicable.

### 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** Not applicable.

## SECTION 15: Regulatory information

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

**EU legislation** Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).

### 15.2. Chemical safety assessment

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No chemical safety assessment has been carried out.

### SECTION 16: Other information

|                                  |   |
|----------------------------------|---|
| <b>General information</b>       | The information contained in this Safety Data Sheet is believed to be true and correct, as of the issue date. The accuracy and completeness of this information and any recommendations, or suggestions are made without warranty or guarantee. Since the conditions of use are beyond the control of our company, it is the responsibility of the user to determine the conditions of safe use for this product. |
| <b>Revision comments</b>         | Section 8.1 updated.  |
| <b>Issued by</b>                 | HS&E Manager.   |
| <b>Revision date</b>             | 15/04/2016  |
| <b>Revision</b>                  | 3   |
| <b>Supersedes date</b>           | 15/04/2016  |
| <b>SDS number</b>                | 20628   |
| <b>Hazard statements in full</b> | H319 Causes serious eye irritation.<br>H332 Harmful if inhaled.<br>H335 May cause respiratory irritation.   |