

# 100556500 FILLITE SG (500)

| Version  | Revision Date: | SDS Number: | Date of last issue: 05.11.2021  |
|----------|----------------|-------------|---------------------------------|
| 2.0      | 16.01.2024     | PR-1005565  | Date of first issue: 07.12.2016 |
| (CLP_GB) |                |             |                                 |

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

### 1.1 Product identifier

| Trade name                | : | FILLITE SG (500)             |
|---------------------------|---|------------------------------|
| REACH Registration Number | : | 01-2119563688-21-XXXX        |
| Substance name            | : | Ashes (Residues) Cenospheres |

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

| Use of the Sub-<br>stance/Mixture                               | :   | Plastic products: Toys<br>Plastic products: Flooring<br>Building and construction work<br>Manufacture of motor vehicles<br>Manufacture of electronic components<br>Treatment and coating of metals<br>Production of abrasive products<br>Manufacture of plastics products<br>Manufacture of plastics products<br>Manufacture of glues<br>Manufacture of glues<br>Manufacture of paints, varnishes and similar coatings, printing<br>ink and mastics<br>Manufacture of man-made fibres<br>Manufacture of textiles<br>Fillers<br>Paint additive<br>Abrasive<br>sewage treatment<br>Water supply<br>wastewater management<br>Water Treatment<br>sewage treatment |
|---|-----|---|
| Recommended restrictions on use                                 | :   | For industrial use only.  |
| 1.3 Details of the supplier of the                              | saf | ety data sheet  |
| Company   | :   | Omya UK Ltd - Melton Office<br>Melton Bottom<br>HU14 3HU Melton, North Ferriby  |
| E-mail address of person responsible for the SDS                | :   | sds.europe@omya.com   |
| 1.4 Emergency telephone number<br>Emergency telephone<br>number | :   | Chemtrec +44 20 3807 3798   |



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### **SECTION 2: Hazards identification**

#### 2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008) as amended by GB-CLP Regulation, UK SI 2019/720, and UK SI 2020/1567)

Not a hazardous substance or mixture.

#### 2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008) as amended by GB-CLP Regulation, UK SI 2019/720, and UK SI 2020/1567)

No hazard pictogram, no signal word, no hazard statement(s), no precautionary statement(s) required

#### 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 0.1% or higher.

### **SECTION 3: Composition/information on ingredients**

#### 3.1 Substances

Substance name : Ashes (Residues) Cenospheres

#### Components

No hazardous ingredients

### **SECTION 4: First aid measures**

| 4.1 Description of first aid measures<br>If inhaled : | Move to fresh air in case of accidental inhalation of dust or fumes from overheating or combustion.<br>If symptoms persist, call a physician.                      |
|---|--|
| In case of skin contact :                             | Take off contaminated clothing and shoes immediately.<br>Wash off with soap and plenty of water.   |
| In case of eye contact :                              | Flush eyes with water as a precaution.<br>Remove contact lenses.<br>Protect unharmed eye.<br>Keep eye wide open while rinsing.                                     |
| If swallowed :  | Clean mouth with water and drink afterwards plenty of water.<br>Do not give milk or alcoholic beverages.<br>Never give anything by mouth to an unconscious person. |



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

None known.

**4.3 Indication of any immediate medical attention and special treatment needed** No data available

### **SECTION 5: Firefighting measures**

### 5.1 Extinguishing media

| Suitable extinguishing media | : | Use extinguishing measures that are appropriate to local cir-<br>cumstances and the surrounding environment.<br>Not combustible. |
|------------------------------|---|--|
|                              |   |  |

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

| Hazardous combustion prod- | : | No hazardous combustion products are known |
|----------------------------|---|--|
| ucts                       |   |  |

### 5.3 Advice for firefighters

| Special protective equipment<br>for firefighters | : | In the event of fire, wear self-contained breathing apparatus. |
|--|---|--|
| Further information                              | : | Standard procedure for chemical fires.                         |

### **SECTION 6:** Accidental release measures

| 6.1 Personal precautions, protect<br>Personal precautions         |      | e equipment and emergency procedures<br>Avoid dust formation.             |  |
|---|------|---|--|
| <b>6.2 Environmental precautions</b><br>Environmental precautions | :    | No special environmental precautions required.                            |  |
| 6.3 Methods and material for cor                                  | ntai | nment and cleaning up   |  |
| Methods for cleaning up   | :    | Sweep up and shovel.<br>Keep in suitable, closed containers for disposal. |  |
| 6.4 Reference to other sections<br>Not applicable                 |      |   |  |
| SECTION 7: Handling and sto                                       | orag | le  |  |
| 7.1 Precautions for safe handling                                 |      |   |  |

Advice on safe handling : For personal protection see section 8.



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|--------------------------|---|-----|-------------------------|---|
|                          | vice on protection against and explosion    | :   |                         | dling advice required.<br>cautions required.                      |
| Hy                       | giene measures                              | :   | General industr         | ial hygiene practice.   |
| 7.2 Con                  | ditions for safe storage,                   | inc | luding any inco         | mpatibilities   |
|                          | quirements for storage<br>as and containers | :   | Keep container place.   | tightly closed in a dry and well-ventilated                       |
| Adv                      | vice on common storage                      | :   | No special rest         | rictions on storage with other products.                          |
|                          | ther information on stor-<br>stability      | :   | No decomposit           | ion if stored and applied as directed.                            |
| •                        | <b>cific end use(s)</b><br>data available   |     |                         |   |

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

### 8.1 Control parameters

dust of any kind

### **Occupational Exposure Limits**

10 mg/m3 Value type (Form of exposure): TWA (Inhalable) Basis: GB EH40

4 mg/m3 Value type (Form of exposure): TWA (Respirable fraction) Basis: GB EH40

Contains no substances with occupational exposure limit values.

### Derived No Effect Level (DNEL):

| Substance name   | End Use | Exposure routes | Potential health ef- | Value       |
|------------------|---------|-----------------|----------------------|-------------|
|                  |         |                 | fects                |             |
| Ashes (Residues) | Workers | Inhalation      | Short-term exposure, | 3 mg/m3     |
| Cenospheres      |         |                 | Acute effects        | _           |
|                  | Workers | Inhalation      | Long-term exposure,  | 0,113 mg/m3 |
|                  |         |                 | Local effects        | _           |
|                  | Workers |                 | Short-term exposure, | 3 mg/m3     |
|                  |         |                 | Local effects        | _           |

### Predicted No Effect Concentration (PNEC):

| Substance name               | Environmental Compartment | Value       |
|------------------------------|---------------------------|-------------|
| Ashes (Residues) Cenospheres | Fresh water               | 2 mg/l      |
|                              | Marine water              | 0,2 mg/l    |
|                              | Sewage treatment plant    | 100 mg/l    |
|                              | Soil                      | 333,3 mg/kg |



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### 8.2 Exposure controls

| Personal protective equipment |   |   |  |  |
|-------------------------------|---|---|--|--|
| Eye/face protection           | : | Safety glasses  |  |  |
| Hand protection               |   |   |  |  |
| Remarks :                     |   | For prolonged or repeated contact use protective gloves.  |  |  |
| Skin and body protection :    | : | Protective suit   |  |  |
| Respiratory protection :      |   | Use respiratory protection unless adequate local exhaust ven-<br>tilation is provided or exposure assessment demonstrates that<br>exposures are within recommended exposure guidelines.<br>Equipment should conform to EN 143 |  |  |
| Filter type :                 | : | Particulates type (P)   |  |  |

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

### 9.1 Information on basic physical and chemical properties

| Appearance<br>Colour<br>Odour<br>Odour Threshold   | : | coarse powder<br>grey, off-white<br>not significant<br>No data available |
|--|---|--|
| рН   | : | 6,5 - 6,9  |
| Melting point/range  | : | 1.260 - 1.560 °C   |
| Boiling point  | : | No data available  |
| Flash point  | : | does not flash   |
| Flammability (solid, gas)  | : | Will not burn  |
| Upper explosion limit / Upper<br>flammability limit  | : | Upper flammability limit none  |
| Lower explosion limit / Lower<br>flammability limit  | : | Lower flammability limit none  |
| Vapour pressure  | : | No data available  |
| Density  | : | 0,7 g/cm3  |
| Bulk density   | : | 400 kg/m3 (20 °C)  |
| Solubility(ies)<br>Water solubility<br>Partition coefficient: n-<br>octanol/water<br>Auto-ignition temperature | : | < 0,068 g/l<br>No data available<br>none                                 |
|  | • |  |

### 9.2 Other information



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Particle Size Distribution : D40 = 106 µm

### **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 Possibility of hazardous reactions

| Hazardous reactions | : No hazards to be specially mentioned | d. |
|---------------------|--|----|
|---------------------|--|----|

### 10.4 Conditions to avoid

| Conditions to avoid | : | No data available |
|---------------------|---|-------------------|
|---------------------|---|-------------------|

### 10.5 Incompatible materials

| : | Bases |
|---|-------|
|   | :     |

### 10.6 Hazardous decomposition products

No data available

### **SECTION 11: Toxicological information**

### 11.1 Information on toxicological effects

### Acute toxicity

| Pr | odu | ict: |  |  |
|----|-----|------|--|--|
|    |     |      |  |  |

| Acute oral toxicity                                     | : | Remarks: No data available |
|---|---|----------------------------|
| Acute inhalation toxicity                               | : | Remarks: not determined    |
| Acute dermal toxicity                                   | : | Remarks: Not applicable    |
| Skin corrosion/irritation<br><u>Product:</u><br>Remarks | : | Not applicable             |
|   |   |                            |

### Serious eye damage/eye irritation

### Product:

| Remarks | : | Based on available data, the classification criteria are not met. |
|---------|---|---|
|---------|---|---|



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|--------------------------|--|------|--------------------------------------|---|--|--|--|--|
| Re                       | Respiratory or skin sensitisation                  |      |                                      |   |  |  |  |  |
|                          | <mark>oduct:</mark><br>marks                       | :    | : No sensitisation effects are known |   |  |  |  |  |
| Fu                       | rther information                                  |      |                                      |   |  |  |  |  |
|                          | <u>Product:</u><br>Remarks                         |      | No data available                    |   |  |  |  |  |
| SECTIO                   | ON 12: Ecological info                             | rma  | tion                                 |   |  |  |  |  |
| 12.1 To:                 | xicity   |      |                                      |   |  |  |  |  |
|                          | oduct:   |      |                                      |   |  |  |  |  |
| То                       | kicity to fish                                     | :    | Remarks: Aquati                      | c toxicity is unlikely due to low solubility.   |  |  |  |  |
|                          | kicity to daphnia and other<br>uatic invertebrates | :    |                                      | ns no substances known to be hazardous to<br>or not degradable in waste water treatment   |  |  |  |  |
| 12.2 Pe                  | rsistence and degradabi                            | lity |                                      |   |  |  |  |  |
|                          | oduct:<br>degradability                            | :    |                                      | ethods for determining biodegradability are   |  |  |  |  |
|                          |  |      | not applicable to                    | inorganic substances.   |  |  |  |  |
|                          | baccumulative potential<br>data available          |      |                                      |   |  |  |  |  |
|                          | <b>bility in soil</b><br>data available            |      |                                      |   |  |  |  |  |
| 12.5 Re                  | sults of PBT and vPvB a                            | sse  | ssment                               |   |  |  |  |  |
|                          | oduct:<br>sessment                                 | :    | Remarks: Not ap                      | plicable  |  |  |  |  |
|                          |  | :    | to be either persi                   | nixture contains no components considered<br>stent, bioaccumulative and toxic (PBT), or<br>nd very bioaccumulative (vPvB) at levels of  |  |  |  |  |
| 12.6 Otl                 | ner adverse effects                                |      |                                      |   |  |  |  |  |
|                          | oduct:   |      |                                      | ivturo dogo not contain componente consid   |  |  |  |  |
| End<br>tial              | docrine disrupting poten-                          | :    | ered to have end<br>REACH Article 5  | ixture does not contain components consid-<br>ocrine disrupting properties according to<br>7(f) or Commission Delegated regulation<br>or Commission Regulation (EU) 2018/605 at |  |  |  |  |



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|--|------------------------------|------|---|---|--|--|
| Additional ecological infor-<br>mation |                              | :    | levels of 0.1% or higher.<br>: There is no data available for this product. |   |  |  |
| SECTION                                | 13: Disposal consi           | ider | ations  |   |  |  |
| 13.1 Wast                              | e treatment methods          |      |   |   |  |  |
| Produ                                  | ct                           | :    | Offer surplus ar posal company.   | nd non-recyclable solutions to a licensed dis-  |  |  |
| Conta                                  | minated packaging            | :    |   | ng contents.<br>Frs should be taken to an approved waste han-<br>cycling or disposal. |  |  |

# **SECTION 14: Transport information**

14.1 UN number

|                                 | or namber    |   |                                   |
|---------------------------------|--------------|---|-----------------------------------|
|                                 | ADR          | : | Not regulated as a dangerous good |
|                                 | RID          | : | Not regulated as a dangerous good |
|                                 | IMDG         | : | Not regulated as a dangerous good |
|                                 | ΙΑΤΑ         | : | Not regulated as a dangerous good |
| 14.2 UN proper shipping name    |              |   |                                   |
|                                 | ADR          | : | Not regulated as a dangerous good |
|                                 | RID          | : | Not regulated as a dangerous good |
|                                 | IMDG         | : | Not regulated as a dangerous good |
|                                 | ΙΑΤΑ         | : | Not regulated as a dangerous good |
| 14.3 Transport hazard class(es) |              |   |                                   |
|                                 | ADR          | : | Not regulated as a dangerous good |
|                                 | RID          | : | Not regulated as a dangerous good |
|                                 | IMDG         | : | Not regulated as a dangerous good |
|                                 | ΙΑΤΑ         | : | Not regulated as a dangerous good |
| 14.4 Packing group              |              |   |                                   |
|                                 | ADR          | : | Not regulated as a dangerous good |
|                                 | RID          | : | Not regulated as a dangerous good |
|                                 | IMDG         | : | Not regulated as a dangerous good |
|                                 | IATA (Cargo) | : | Not regulated as a dangerous good |
|                                 |              |   |                                   |



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|                            |                              |                           |   |

### IATA (Passenger)

: Not regulated as a dangerous good

### 14.5 Environmental hazards

Not regulated as a dangerous good

### 14.6 Special precautions for user

Remarks

: Not classified as dangerous in the meaning of transport regulations.

### 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable for product as supplied.

### **SECTION 15: Regulatory information**

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

| UK REACH List of substances subject to authorisation<br>(Annex XIV)  | :   | Not applicable                   |
|--|-----|----------------------------------|
| UK REACH Candidate list of substances of very high concern (SVHC) for Authorisation  | :   | Not applicable                   |
| The Persistent Organic Pollutants Regulations (retained Regulation (EU) 2019/1021 as amended for Great Britain)                      | :   | Not applicable                   |
| UK REACH List of restrictions (Annex 17)<br>GB Export and import of hazardous chemicals - Prior<br>Informed Consent (PIC) Regulation | :   | Not applicable<br>Not applicable |
| Control of Major Accident Hazards Regulations 2015 (COMAH)   | Not | applicable                       |

#### 15.2 Chemical safety assessment

A Chemical Safety Assessment is not required for this substance.

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### **SECTION 16: Other information**

### Full text of other abbreviations

| GB EH40       | : | UK. EH40 WEL - Workplace Exposure Limits              |
|---------------|---|---|
| GB EH40 / TWA | : | Long-term exposure limit (8-hour TWA reference period |

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - Agreement concerning the International Carriage of Dangerous Goods by Road; AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration as-



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sociated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIOC - New Zealand Inventory of Chemicals: OECD - Organization for Economic Co-operation and Development: OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance: PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; 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 - Taiwan Chemical Substance Inventory; TECI -Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods: vPvB - Very Persistent and Very Bioaccumulative

#### Further information

| Other information   | : | This safety datasheet only contains information relating to<br>safety and does not replace any product information or prod-<br>uct specification. |
|---|---|---|
| Sources of key data used to<br>compile the Safety Data<br>Sheet | : | Information taken from reference works and the literature.  |

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 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.

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