

# Bath Potters' Supplies

## MATERIAL SAFETY DATA SHEET

### 1. Identification of the preparation/Supplier reference

Trade Name                    **Lead Sequisilicate Frit - 231030**  
Chemical name                Frit.  
Synonyms                     None.  
Supplier                        Bath Potters Supplies, Unit 18, Fourth Avenue, Westfield Trading  
Estate, Radstock, Nr. Bath. BA3 4XE Tel: 01761 411077 E:mail:  
sales@bathpotters.co.uk  
Emergency numbers         sales@bathpotters.co.uk

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### 2. Composition

| Component        | CAS        | EINECS  | % of composition |
|------------------|------------|---------|------------------|
| Frits, chemicals | 65997-18-4 | 2660476 | 100              |

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### 3. Health Hazard Identification

Inhalation                    Excessive exposure may cause chronic lung disease and lead poisoning.  
Ingestion                    Product of low solubility in body fluids and likely to be of low acute toxicity.  
Eyes                            May cause physical irritation and inflammation.  
Skin                            Not a primary irritant. Any abrasive powder may give minor irritation.

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### 4. First Aid Measures

Inhalation                    Remove patient to fresh air, loosen tight clothing and seek medical attention.  
Ingestion                    Do not induce vomiting, seek medical advice.  
Eyes                            Wash immediately with copious amounts of water. Seek medical attention if  
irritation persists.  
Skin                            Wash affected areas with water. If irritation persists, seek medical attention

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### 5. Fire Fighting Measures

Extinguishing Media        Suitable for surrounding fire conditions.  
The product is not explosive or combustible. Standard fire fighting  
techniques only are required, i.e. water, sand, carbon dioxide, chemical  
foam extinguishers etc.  
Special Exposure hazard    In the event of fire the product may emit harmful or toxic fumes.  
Protective equipment        Self-contained breathing apparatus.

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### 6. Accidental Release Measures

Leaks & Spills                Remove dry materials either by a vacuum cleaner fitted with an efficient  
particulate filter or by damping down and scooping in to a receptacle.  
Protective equipment        Respiratory protective equipment.

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### 7. Handling & Storage

Handling                      Do not eat, drink, or smoke in areas where the material is used. Wash thoroughly  
after handling the material  
Local exhaust ventilation is recommended to comply with occupational exposure  
limits (refer to Guidance Note EH40 - latest edition)  
Storage                        Store in dry area

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## 8. Exposure Control/Personal protective Equipment

|                               |   |
|-------------------------------|---|
| Engineering controls          | Adequate ventilation should be provided so that Occupational Exposure Limits are not exceeded. Local Exhaust Ventilation is recommended   |
| Personal protective equipment | Where LEV is not practicable and exposure is likely to be excessive, approved respiratory protection to CEN standards prEN 140, 141, 143 or 149 should be worn. Protective gloves and overalls are recommended for prolonged contact. |

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## 9. Physical & Chemical properties

|                      |                         |
|----------------------|-------------------------|
| Appearance & Odour   | White powder, odourless |
| Flash point (°C)     | Not applicable          |
| Flammability         | Not applicable          |
| Explosive properties | Non-explosive           |
| Oxidising properties | None                    |
| Specific gravity     | 3-5                     |
| pH value             | 7 (Insoluble in water)  |
| Melting point (°C)   | Not available           |

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## 10. Stability & Reactivity

|                                   |                        |
|-----------------------------------|------------------------|
| Chemical stability                | The material is stable |
| Conditions/materials to avoid     | None known             |
| Hazardous decomposition products  | None known             |
| Hazardous polymerisation products | None                   |

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## 11. Toxicology Information

|                  |   |           |
|------------------|---|-----------|
| Acute toxicology | LD <sub>50</sub> Oral   | Not known |
|                  | LD <sub>50</sub> Dermal   | Not known |
|                  | LD <sub>50</sub> Inhalation   | Not known |
| Health effects   | Prolonged or repeated exposure above Occupational Exposure Standards may cause lead to accumulate in the body. In serious cases this may cause anaemia and damage to the kidneys and central nervous system. Lead in the blood stream of pregnant women may affect the unborn child. Persons exposed to lead compounds should have regular health checks which should include lead in blood monitoring, |           |

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## 12. Ecological information

|             |  |
|-------------|--|
| Ecotoxicity | Not known.   |
| Persistence | Chemically stable and will persist in the environment. |

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## 13. Disposal

Dispose in accordance with current waste Disposal regulations (for UK - Control of Pollution (Special Waste) Regulations 1996). Landfill is the most appropriate method.

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## 14. Transport Information

|               |    |                |
|---------------|----|----------------|
| UN/SI No.     |    | Not classified |
| UN Class      |    | Not classified |
| Packing group |    | Not classified |
| Road          | UK | Not classified |
| ADR           |    | Not classified |

|     |      |                |
|-----|------|----------------|
| Sea | IMO  | Not classified |
| Air | ICAO | Not classified |

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## 15. Regulatory information

|                                   |  |   |
|-----------------------------------|--|---|
| EC Supply Labelling               | <b>Toxic T (in accordance with CHIP 2)</b> |   |
| R-Phrases                         | R20/22                                     | Harmful by inhalation and if swallowed.               |
|                                   | R33  | Danger of cumulative effects.                         |
|                                   | R61  | May cause harm to the unborn child.                   |
| S-Phrases                         | S13  | Keep away from food, drink and animal feeding stuffs. |
|                                   | S20/21                                     | When using do not eat, drink or smoke.                |
|                                   | S22/23                                     | Do not breath dust or fumes/spray                     |
| UK Occupational exposures limits* | Mg/m <sup>3</sup> 8 hr TWA                 | % in product  |
| Lead compounds (as Pb)            | 0.15                                       | 63%   |

\* refer to HSE Guidance note EH40

All products containing lead compounds are subject to the Control of Lead at Work Regulations 1980, via the H.S.C. Approved Code of Practice 1985.

In accordance with the H.S.E. Approved Code of Practice for CHIP, the recipient is reminded of their obligations under both the Health and Safety at Work Act (HSWA) and the Control of Substances Hazardous to Health Regulations (COSHH), and that the information in any safety data sheet does not constitute the user's assessment of workplace risk.

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## 16. Other information

General industrial hygiene practices are recommended when handling and using this product.

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| COSHH ACOP:    | H.S.C. Approved Code of Practice for the Control of Substances Hazardous to Health Regulations 1994.             |
| CHIP 96:       | Chemicals (Hazard Information and Packaging for Supply) Regulations 1996.  |
| CHIP SDS ACOP: | H.S.C. Approved Code of Practice for Safety Data Sheets in accordance with regulation 6 of the CHIP regulations. |
| HSE EH40:      | HSE Guidance note EH40 on Occupational Exposure Limits, to be used in conjunction with the COSHH regulations.    |

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The information contained in this safety data sheet has been prepared using the best available information. However, in view of technical developments this may alter.

The material must only be used for its stated purpose and the information contained within this data sheet is offered solely for use in the evaluation of this product in respect of safety, health and environmental hazards.

Due to the many factors outside our control when using this product we cannot accept liability for any injury, accident, loss or damage caused through its use.

26.08.21