

# Bath Potters' Supplies

## MATERIAL SAFETY DATA SHEET

(cosh70)

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

Trade Name **Molochite**  
Chemical name --  
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

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### 2. Composition

Component	CAS	EINECS	% of composition
Molochite Al <sub>2</sub> Si <sub>2</sub> O <sub>7</sub>	66402-68-4	266-340-9	100%

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### 3. Health Hazard Identification

Inhalation Excessive exposure may cause symptoms of chronic lung disease  
Ingestion The product is of low solubility in body fluids and it is likely to be of low toxicity  
Eyes May cause physical irritation and inflammation  
Skin The material is not a primary irritant, but as with any abrasive powder it may give rise to 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  
Skin Wash affected areas with water

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### 5. Fire Fighting Measures

Extinguishing Media Suitable for surrounding fire conditions  
Special Exposure hazard None  
Personal protective equipment None other than required for surrounding fire conditions

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### 6. Accidental Release Measures

Leaks & Spills Use suitable vacuum equipment where reasonably practicable, otherwise damp down and scoop into a receptacle  
Personal 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

Storage Store in dry area

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 normally 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 2.7g/cm<sup>3</sup>

pH value<sup>7</sup> (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 polymerization products None

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11. Toxicology Information

Acute toxicology LD50 Oral >2000mg/kg

LD50 dermal not known

LD50 inhalation not known

Health effects Prolonged or repeated exposure above Occupational Exposure Standards may cause fibrosis of the lungs

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12. Ecological information

Ecotoxicity Not known

Persistence The material is 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 1980). Landfill is the most appropriate method.

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14. Transport Information

UN/SI No. Not restricted

UN Class Not restricted

Packing group Not restricted

Road UK

	ADR	Not restricted	
Not restricted			
Sea		IMO	Not restricted
Air		ICAO	Not restricted

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15. Regulatory information

EC Supply Labelling	Non hazardous		
R-Phrases	None		
S-Phrases	Optional for dusty powders		
S20/21	when using do not eat, drink or smoke		
S38	in case of insufficient ventilation wear suitable respiratory equipment		
UK Occupational exposures limits*	Mg/m <sup>3</sup>	8 hr TWA	% in product
Dust	total inhalable	10	---
	total respirable	5	---

\* refer to HSE Guidance note EH40

In accordance with HSE 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

**Summary per product**

M85D molochite 85s mesh to dust  
M3085 molochite 30s to 85 mesh

**References**

COSHH ACOP HSC 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 ACOPS HSC 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 COSH regulations

**Footnote**

**LIABILITY**

Such information is the best of Bath Potters Supplies Ltd's knowledge and belief accurate at the date of publication, which is the date generated automatically on the day of printing of this document.

However, no representation, warranty of guarantee is made as to its accuracy, reliability of completeness. It is the user's responsibility to satisfy itself as to the suitability and completeness of such information for their own particular use.

**THIRD PARTY MATERIALS**

Insofar as materials not manufactured or supplied by Bath Potters Supplies Ltd are used in conjunction with, or instead of Bath Potters Supplies Ltd materials, it is the responsibility of the customer itself to obtain from the manufacturer or supplier all technical data and other properties relating to these and

other materials and to obtain all necessary information relating to them. No liability can be accepted in respect of the use of Bath Potters Supplies Ltd materials in conjunctions with other materials.

17. National Legislation

**UK Legislation**

SI1993/1746 Chemicals (Hazard Information and Packaging) Regulations 1993

Environmental Protection (Duty of Care) regulations 1992 SI 2839

Carriage of Dangerous goods by Road and Rail Regulations 1994

Control of pollution Act 1974

Environmental Protection Act 1990

Highly Flammable Liquids and Petroleum Spirit Regulations 1972

EH40 Occupational Exposure Limits

SI1988/1657 The Control of Substances Hazardous to Health Regulations

Note - This is not an exhaustive list and users should satisfy themselves that they comply with all relevant National Regulations

**Important notes**

Design CHIP-002

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.

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