

BATH POTTERS SUPPLIES

MATERIAL SAFETY DATA SHEET

1. Identification of the preparation/Supplier reference

Trade Name **Colemanite**
Chemical name Colemanite
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

2. Composition

Component	CAS	EINECS	% of composition
Colemanite standard	12291-65-5		100%

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 acute 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

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

5. Fire Fighting Measures

Extinguishing Media It is compatible with standard fire fighting technique (e.g. use of water carbon dioxide, dry powder, sand and chemical foam extinguishers)
Special Exposure hazard None
Personal protective equipment None other than required for surrounding fire condition

6. Accidental Release Measures

Leaks & Spills Collect dry material by wet sweeping or vacuum with efficient particulate filter
Personal protective equipment Respiratory protective equipment

7. Handling & Storage

Handling Do not eat, drink, or smoke in areas where the material is used. Wash thoroughly

Storage after handling the material
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.

9. Physical & Chemical properties

Appearance & Odour Odourless, off white powder

Flash point (°C) Not applicable

Flammability Not known

Explosive properties Non explosive

Oxidising properties None

Specific gravity 2-3

pH value 9.3

Melting point (°C) 930°C* between 900°C and 1180°C

10. Stability & Reactivity

Chemical stability The material is stable

Conditions/materials to avoid Not known

Hazardous decomposition products Not known

Hazardous polymerization products None

11. Toxicology Information

Acute toxicology LD₅₀ oral (rats) >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

12. Ecological information

Ecotoxicity Not known

Persistence The product is chemically stable and will persist in the environment

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.

14. Transport Information

UN/SI No. None

UN Class Not restricted

Packing group Not restricted

Road UK Not restricted

	ADR	Not restricted
Sea	IMO	Not restricted
Air	ICAO	Not restricted

15. Regulatory information

EC Supply Labelling	None required by directive 88/379/EEC		
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 ³	8 hr TWA	% in product

* 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

16. Other information

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' 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 or 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 are used in conjunction with, or instead of Bath Potters Supplies 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 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.

Further reference can be made to our standard terms and conditions of sale, a copy of which is available on request.

26.08.21