

BATH POTTERS SUPPLIES

MATERIAL SAFETY DATA SHEET (cosh120)

1. Identification of the preparation/Supplier reference

Trade Name **Calcium Chloride**

Chemical name Calcium chloride

Synonyms None

Supplier Bath Potters Supplies, Unit 18, Fourth Avenue, Westfield Trading Estate,
Radstock, Nr. Bath. BA3 4XE

Emergency numbers Tel: 01761 411077
E-mail: sales@bathpotters.co.uk

2. Composition

Component	CAS	EINECS	% of composition
Calcium chloride	10043-52-4	2331408	100

3. Health Hazard Identification

Inhalation Excessive exposure may cause severe irritation due to alkalinity

Ingestion Significant oral doses may result in gastro-intestinal perforation

Eyes May cause physical irritation and inflammation

Skin May cause physical irritation and inflammation

4. First Aid Measures

Inhalation Remove patient to fresh air, loosen tight clothing and seek medical attention
immediately

Ingestion Do not induce vomiting, seek medical advice immediately

Eyes Wash immediately with copious amounts of water for at least 10 minutes. Seek
medical advice immediately

Skin Wash affected areas with plenty water

5. Fire Fighting Measures

Extinguishing Media Suitable for surrounding fire conditions

Special Exposure hazard In the event of a fire the product may emit harmful or toxic fumes

Personal protective
equipment Self contained breathing apparatus

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

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.

9. Physical & Chemical properties

Appearance & Odour	White crystals, odourless
Flash point (°C)	Not applicable
Flammability	Not applicable
Explosive properties	Non-explosive
Oxidising properties	None
Specific gravity	2
pH value	9.8
Melting point (°C)	Not available

10. Stability & Reactivity

Chemical stability	The material is stable
Conditions/materials to avoid	Zinc, strong acids, boric oxide and calcium oxide mixes
Hazardous decomposition products	None known
Hazardous polymerization products	None

11. Toxicology Information

Acute toxicology	LD50 Oral	1000mg/kg
	LD50 dermal	not known
	LD50 inhalation	not known
Health effects	Prolonged or repeated exposure above Occupational Exposure Standards may cause severe irritation and inflammation	

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 1980). Landfill is the most appropriate method.

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

15. Regulatory information

EC Supply Labelling	Harmful - irritant		
R-Phrases	R20/22 harmful by inhalation and if swallowed R36/37/38 irritating to the eye, the respiratory system and the skin		
S-Phrases	S20/21 when using do not eat, drink or smoke S22/23 do not breathe dust or spray S26 in case of contact with eyes rinse immediately with plenty of water and seek medical advice		
UK Occupational exposures limits*	Mg/m ³	8 hr TWA	% in product
Dust - total inhalable		10	--
Dust - 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

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 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 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