

MATERIAL SAFETY DATA SHEET**Product Name:** Calcium Builder**1. Chemical product and company identification**

Product name	Calcium Builder
Chemical name	Calcium Chloride
Product type and use	Swimming pools
Company identification	Total Pool Chemicals Ltd
Address and telephone number	Unit 1, Pool Bank Park High Street, Tarvin, Chester CH3 8JH
Emergency telephone number	01829 740290

2. Composition/Information on ingredients

Chemical Name	CAS No	Content %	Symbol	R-phrases(s)	EINECS No
Calcium Chloride	7774-34-7		Xi	R36	223-140-8

3. Hazards identification Irritating to eyes, prolonged contact may cause skin irritation.

4. First-aid measures

Inhalation	Irritation to the upper respiratory tract. Remove from exposure, rest and keep warm. In severe cases, or if recovery is not rapid or complete seek medical attention.
Skin contact	Slight skin irritation. Drench the skin with plenty of water. Remove contaminated clothing and wash before reuse. If large areas of the skin is damaged or if irritation persists, seek medical attention.
Contact with eyes	Irritation, possible transient corneal injury. Irrigate thoroughly with water for at least 10 minutes. Obtain medical attention.
Ingestion	May cause nausea and vomiting. Wash out mouth with water. Do not induce vomiting. If patient is conscious, give water to drink. If patient feels unwell seek medical attention.

5. Fire-fighting measures

Suitable Extinguishers	Use extinguisher suitable to cause of fire.
Hazards	Not combustible.
Protection	Wear appropriate protective equipment.

Product Name: Calcium Builder	
6. Accidental release measures	
Personal	Wear appropriate protection
Environmental precautions:	Avoid raising dusts.
Clean up procedure:	Sweep up and transfer to suitable containers for waste disposal.
7. Handling and Storage	
Safe Handling advice:	Ventilation: Good general ventilation. LEV may be required in dusty environments
Recommended procedures And equipment:	Avoid contact with skin and eyes. Atmospheric levels of dust should be maintained as low as reasonably practicable.
Storage	Temperature range: Cool Humidity range: Dry
Suitable storage media:	Most plastics.
8. Exposure Controls Personal Protection	
Exposure Limits	10 mg/m ³ , Total dust; 4 mg/m ³ , Respirable dust.
Monitoring Methods	Dust monitoring
Eye protection	Goggles.
Skin protection	Overalls and boots, gloves.
Respiratory protection	Type approved RPE for dusts if ventilation proves inadequate.
Hygiene Measures:	Always wash thoroughly after handling chemicals.
9. Physical and chemical properties	
Appearance	White to grey flakes or crystals
Melting point/range	29-1900°C
Flammability	Not combustible
Density	1.68
Solubility in water	Very soluble in water

Product Name: Calcium Builder			
10. Stability and reactivity			
Stability	Stable if kept dry		
Conditions to avoid	High humidity levels		
11. Toxicological information			
Effects	Low oral toxicity, but may cause nausea and vomiting if ingested in large quantities. Causes eye irritation which may result in transient corneal damage. May cause slight irritation on dry skin, however strong solutions may cause more severe irritation. Inhalation of dust may cause irritation of the upper respiratory tract.		
12. Ecological Information			
Environmental Effects	No data available.		
13. Disposal Considerations			
Substance	Via an authorised waste disposal contractor to an approved waste disposal site, observing all local and national regulations.		
Contaminated packaging	As substance.		
14. Transport Information			
Not regulated for transport.			
15. Regulatory Information			
Labelling	Irritant		
	R-Phrases	R36	Irritating to eyes
	S-Phrases	S22-24	Do not breathe dust Avoid contact with the skin
ECC No	233-140-8		
The statements made herein are based on our best present experience and are intended to describe product safety requirements. They should not therefore be considered as a warranty of specific properties.			