



1. IDENTIFICATION

Product Names	Quickset
Other Names	None Allocated
Company Name	Sunrise Hardware & Garden Products (ABN 51 225 423 880)
Company Address	Unit 4/ 32-42 Mirage Road Direk S.A. 5013
Company Phone	(08) 8347 4999
Emergency Phone Number	(03) 8347 4999
Recommended Use	Coats the capillary pores of cement, thus increasing water resistance.
Other Information	This MSDS summarises to the best of our knowledge the health and safety hazard information of the product and how to safely handle and use the product in the workplace

2. HAZARDS IDENTIFICATION

Hazard Classification	Not classified as hazardous according to the criteria of the Globally Harmonized System of Classification and Labelling of Chemicals (the GHS, 7 th Revised Edition) and the Work Health and Safety Legislation.
Signal Word	None
Hazard Classifications	None
Hazard Statements	None

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	CAS Number	Concentration range
Calcium Chloride	10043-52-4	30 - 60%
Water plus other ingredients known to be non-hazardous	Not applicable	Balance to 100%

4. FIRST AID MEASURES

The product is non-hazardous but ingestion may carry some risk such as the risk of infection, which is outside the scope of this safety data sheet. If poisoning is suspected, contact a doctor or Poisons Information Centre (Phone Australia 131 126, New Zealand 0800764 766).

Inhalation	No risk is foreseen as a consequence of inhalation of mist of this product, and it's not expected to give off any vapours other than water vapour.
Ingestion	In the event of ingestion, DO NOT induce vomiting and give water to dilute stomach contents. Seek medical attention or contact Poisons Information Centre (13 11 26) if any symptoms develop.
Skin contact	In the event of skin contact, wash material off skin. Rinse product off any contaminated clothing. If any symptoms develop, seek medical attention
Eye contact	The product is a concentrated solution of a common salt and may cause discomfort to the eyes. In the event of eye contact, irrigate with copious amounts of water until any discomfort ceases. Seek medical attention if symptoms develop.
First Aid Facilities	No special first-aid facilities are required. A ready supply of tap water is advisable during use.
Advice to Doctor	Treat symptomatically

5. FIRE FIGHTING MEASURES

HAZCHEM CODE:	None allocated
Suitable extinguishing media:	None required as the product is in no way combustible.
Specific Hazards	May emit hydrogen chloride fumes when in contact with strong acids.

Decomposition Products	The product is not considered to be combustible. In conditions of intense combustion due to a surrounding fire, if extensive evaporation of water occurs then the residue may emit fumes of hydrochloric acid.
Incompatible substances	Strong acids.
Protective clothing:	Self-contained breathing apparatus if risk of exposure to vapour or products of combustion
Specific advice for firefighters:	The product is a concentrated solution of a non-hazardous salt in water and is non-combustible. If loss of containment occurs, it would tend to behave as water in a fire.

6. ACCIDENTAL RELEASE MEASURES

Small Spills	Wear protective equipment to prevent skin and eye contact. Collect and seal in properly labelled contains or drums for disposal.
Large Spills	Clear area of unprotected personnel. Wear protective equipment to prevent skin and eye contamination. Collect and seal in properly labelled contains or drums for disposal.

7. HANDLING AND STORAGE

Handling	Avoid eye contact and skin contact.
Conditions for Safe Storage	No special storage conditions apply. Stainless steel containers may suffer corrosion over extended periods.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

National occupational exposure limits:

Exposure limits for airborne contaminants are published by Safe Work Australia. This product contains no components for which an exposure limit exists.

TWA - The time-weighted average airborne concentration over an eight-hour working day, for a five-day working week over an entire working life.

STEL (Short Term Exposure Limit) - the average airborne concentration over a 15 minute period which should not be exceeded at any time during a normal eight-hour workday.

Personal Protective Equipment (PPE):

Eye Protection	Wear safety glasses when handling the product
Skin Protection	Wear protective rubber or plastic gloves in order to avoid skin contact. Wash clothing that comes in contact with the product as it may dry to leave a salty residue.
Respiratory	No respiratory protective equipment is required.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form	Liquid
Appearance	Aqueous solution
Odour	Slight acidic odour
Melting Point	-5 to 0°C
Boiling Point	Roughly 100°C
Solubility in Water:	Miscible in all proportions
Specific Gravity:	1.30 to 1.40 (specific gravity of water = 1.00)
pH	7.0 to 9.0
Flammability	Not Flammable

10. STABILITY AND REACTIVITY

Stability and Reactivity	This product is stable when stored under normal storage conditions. Store away from incompatible materials
Incompatible Materials	Strong acids, or weaker acids in very concentrated form.

11. TOXICOLOGICAL INFORMATION

No adverse health effects are expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

Acute Effects:

Inhalation: No inhalation hazard is known.

Skin contact: Contact with skin may result in irritation if handled over an extended period. However, the product is not classified as a skin irritant.

Ingestion: Swallowing can result in nausea, vomiting and irritation of the gastrointestinal tract.

Eye contact: Eye contact may result in irritation. However, the product is not classified as an eye irritant.

Acute toxicity:

Inhalation: This material has been classified as non-hazardous with respect to acute toxicity by inhalation. Acute toxicity estimate (based on ingredients): LC50 > 20.0 mg/L for vapours or LC50 > 5.0 mg/L for mist or LC50 > 20,000 ppm for gas.

Skin contact: This material has been classified as non-hazardous with respect to acute dermal toxicity. Acute toxicity estimate (based on ingredients): >2,000 mg/kg bw

Ingestion: This material has been classified as non-hazardous with respect to acute toxicity, oral. Acute toxicity estimate (based on ingredients): >2,000 mg/kg bw

Corrosion/Irritancy: This material has been classified as a skin irritant.

Sensitisation: Inhalation: this material does not meet the criteria for classification as a respiratory sensitiser. Skin: this material does not meet the criteria for classification as a skin sensitiser.

Aspiration hazard: This material does not meet the criteria for classification as an aspiration hazard.

Specific target organ toxicity (single exposure): This material does not meet the classification criteria for specific target organ toxicity (single exposure).

Chronic Toxicity:

Mutagenicity: This material does not meet the classification criteria for mutagenicity.

Carcinogenicity: This material does not meet the classification criteria for carcinogenicity.

Reproductive toxicity (including via lactation): This material does not meet the classification criteria for reproductive toxicity.

12. ECOLOGICAL INFORMATION

Avoid contaminating freshwater waterways as release into a static body of water could greatly increase the salt concentration, with possible adverse effects on freshwater ecosystems.

Acute aquatic hazard: This material has been classified as non-hazardous with respect to acute aquatic toxicity. Acute toxicity estimate (based on ingredients): >100 mg/L

Long-term aquatic hazard: This material has been classified as non-hazardous with respect to chronic aquatic toxicity. The product is a concentrated solution of a non-hazardous salt and biodegradability does not need to be considered in this context. The product is also known to have a low bioconcentration factor (BCF << 500).

Ecotoxicity: No information available.

Persistence and degradability: This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic, or very persistent and very bioaccumulative at levels of 0.1% or higher.

Bioaccumulative potential: Very low potential for bioaccumulation.

Mobility: No information available.

13. DISPOSAL CONSIDERATIONS

Persons conducting disposal, recycling or reclamation activities should ensure that appropriate personal protection equipment is used, see "Section 8. Exposure Controls and Personal Protection" of this SDS.

If possible, material and its container should be recycled. If material or container cannot be recycled, dispose in accordance with regional, national and international Regulations. The product should not be applied to soil as it can greatly increase salt concentration in the soil, with likely adverse effects on plant growth.

14. TRANSPORT INFORMATION

ROAD AND RAIL TRANSPORT

Not classified as Dangerous Goods by the criteria of the "Australian Code for the Transport of Dangerous Goods by Road & Rail" and the "New Zealand NZS5433: Transport of Dangerous Goods on Land".

MARINE TRANSPORT

Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

AIR TRANSPORT

Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

15. REGULATORY INFORMATION

This material is not subject to the following international agreements:

- Montreal Protocol (Ozone depleting substances)
- The Stockholm Convention (Persistent Organic Pollutants)
- The Rotterdam Convention (Prior Informed Consent)
- International Convention for the Prevention of Pollution from Ships (MARPOL)
- Basel Convention (Hazardous Waste)

This material/constituent(s) is covered by the following requirement:

- All components of this product are listed on or exempt from the Australian Inventory of Chemical Substances (AICS).

16. OTHER INFORMATION

Reason for issue: Revision of SDS

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

Safety Data Sheets must be revised every five years, or when the reclassification of any component triggers the reclassification of the product.