

Product Name: Sensapool Calcium Increaser

Section 1 – Identification of the Material and Supplier

Other Names: Calcium chloride.
Product Use: Increase calcium in water
This version issued: **Aug, 2025** and is valid for 5 years from this date.
Supplier: Spa-Craft Pty Ltd
ABN: 48 600 353 713
Address: 20 Curtis Rd, Mulgrave NSW 2756 Australia
Phone Number: 1300 498 819 (office hours)
Poisons Information Centre: Phone 13 11 26 from anywhere in Australia

Section 2 – Hazards Identification

Statement of Hazardous Nature

SUSMP Classification: None allocated.

ADG Classification: None allocated. Not a Dangerous Good according to Australian Dangerous Goods (ADG) Code.

UN Number: None allocated.



GHS Signal word: WARNING

Eye irritation – category 2A

HAZARD STATEMENT

H320: Causes serious eye irritation.

PREVENTION

P232: Protect from moisture.

P261: Avoid breathing dusts.

P264: Wash contacted areas thoroughly after handling.

P280: wear protective gloves, protective clothing and eye or face protection.

RESPONSE

P353: Rinse skin or shower with water.

P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P332+P313: If skin irritation occurs: Get medical advice.

P337+P313: If eye irritation persists: Get medical advice.

P370+P378: Not combustible. Use extinguishing media suited to burning materials.

STORAGE

P402: Store in a dry place.

P404: Store locked up.

DISPOSAL

P501: Dispose of contents and containers to landfill.

Emergency Overview

Physical Description & Colour: White to grey hygroscopic granulated solid.

Odour: No odour.

Major Health Hazards: Eye irritant.

Product Name: Sensapool Calcium Increaser**Section 3 – Composition/Information on Ingredients**

Ingredients	CAS No	Conc, %	TWA (mg/m ³)	STEL (mg/m ³)
Calcium chloride	10043-52-4	pure*	not set	not set

*Commercially pure. May include small quantities of materials due to manufacturing or reaction process.

This is a commercial product whose exact ratio of components may vary slightly. Minor quantities of other non hazardous ingredients are also possible.

The SWA TWA exposure value is the average airborne concentration of a particular substance when calculated over a normal 8 hour working day for a 5 day working week. The STEL (Short Term Exposure Limit) is an exposure value that may be equalled (but should not be exceeded) for no longer than 15 minutes and should not be repeated more than 4 times per day. There should be at least 60 minutes between successive exposures at the STEL. The term "peak "is used when the TWA limit, because of the rapid action of the substance, should never be exceeded, even briefly.

Section 4 – First Aid Measures**General Information:**

You should call The Poisons Information Centre if you feel that you may have been poisoned, burned or irritated by this product. The number is 13 11 26 from anywhere in Australia (0800 764 766 in New Zealand) and is available at all times. Have this SDS with you when you call.

Inhalation: No first aid measures normally required. However, if inhalation has occurred, and irritation has developed, remove to fresh air and observe until recovered. If irritation becomes painful or persists more than about 30 minutes, seek medical advice.

Skin Contact: Gently brush away excess particles. Wash gently and thoroughly with water (use non-abrasive soap if necessary) for 5 minutes or until product is removed.

Eye Contact: Quickly and gently brush particles from eyes. Immediately flush the contaminated eye(s) with lukewarm, gently flowing water for 20 minutes or until the product is removed, while holding the eyelid(s) open. Take care not to rinse contaminated water into the unaffected eye or onto the face. Obtain medical attention immediately. Take special care if exposed person is wearing contact lenses.

Ingestion: If product is swallowed or gets in mouth, do NOT induce vomiting; wash mouth with water and give some water to drink. If symptoms develop, or if in doubt contact a Poisons Information Centre or a doctor.

SECTION 5 – Fire Fighting Measures

Fire and Explosion Hazards: There is no risk of an explosion from this product under normal circumstances if it is involved in a fire. Fire decomposition products from this product are not expected to be hazardous or harmful.

Extinguishing Media: Not combustible. Use extinguishing media suited to burning materials.

Fire Fighting: If a significant quantity of this product is involved in a fire, call the fire brigade.

Flammability Class: Does not burn.

SECTION 6 – Accidental Release Measures

Accidental release: In the event of a major spill, prevent spillage from entering drains or water courses. Wear full protective clothing including eye/face protection. All skin areas should be covered. See below under Personal Protection regarding Australian Standards relating to personal protective equipment. Suitable materials for protective clothing include PVC and rubber. Eye/face protective equipment should comprise as a minimum, protective goggles. If there is a significant chance that dusts are likely to build up in cleanup area, we recommend the use of a suitable dust mask. Use a P1 mask, designed for use against mechanically generated particles e.g. silica & asbestos. Otherwise not normally necessary.

Stop leak if safe to do so and contain spill. Sweep up and shovel or collect recoverable product into labelled containers for recycling or salvage and dispose of promptly. Consider vacuuming if appropriate. Recycle containers wherever possible after careful cleaning. After spills, wash area preventing runoff from entering drains. If a significant quantity of material enters drains, advise emergency services. This material may be suitable for approved landfill. Ensure legality of disposal by consulting regulations prior to disposal. Thoroughly launder protective clothing before storage or re-use. Advise laundry of nature of contamination when sending contaminated clothing to laundry.

Product Name: Sensapool Calcium Increaser

SECTION 7 – Handling and Storage

Handling: Keep exposure to this product to a minimum, and minimise the quantities kept in work areas. Check Section 8 of this SDS for details of personal protective measures, and make sure those measures are followed. The measures detailed below under “Storage” should be followed during handling to minimise risks to persons using the product in the workplace. Also, avoid contact or contamination of product with incompatible materials listed in Section 10.

Storage: Make sure that containers of this product are kept tightly closed. Keep containers dry and away from water. Make sure that the product does not come into contact with substances listed under “Incompatibilities” in Section 10. Check packaging – there may be further storage instructions on the label. Note that this product will extract moisture from the air and dissolve in the extracted water.

SECTION 8 – Exposure Controls and Personal Protection

The following Australian Standards will provide general advice regarding safety clothing and equipment:

Respiratory Equipment: **AS/NZS 1715**, Protective Gloves: **AS 2161**, Occupational Protective Clothing: **AS/NZS 4501**, Industrial Eye Protection: **AS1336** and **AS/NZS 1337**, Occupational Protective Footwear: **AS/NZS 2210**.

SWA Exposure Limits

TWA (mg/m³)

STEL (mg/m³)

Exposure limits have not been established by SWA for this product.

No special equipment is usually needed when occasionally handling small quantities. The following instructions are for bulk handling or where regular exposure in an occupational setting occurs without proper containment systems.

Ventilation: This product should only be used in a well-ventilated area. If natural ventilation is inadequate, use of a fan is suggested.

Eye Protection: Protective goggles should be worn when this product is used. Failure to protect your eyes may cause harm. Emergency eye wash facilities are recommended in an area close to where this product is used.

Skin Protection: You should avoid contact even with mild skin irritants. You should wear suitable impervious elbow-length gloves and facial protection when using this product.

Protective Material Types: We suggest that protective clothing be made from the following materials: PVC, rubber.

Respirator: If there is a significant chance that dusts are likely to build up in the area where this product is being used, we recommend that you use a suitable dust mask. Otherwise not normally necessary.

SECTION 9 – Physical and Chemical Properties

Physical Description & Colour: White to grey hygroscopic solid.

Odour: No odour.

Boiling Point: Not applicable.

Flash Point: Does not burn.

Upper Flammability Limit: Does not burn.

Lower Flammability Limit: Does not burn.

Freezing/Melting Point: 772°C.

Volatiles: No data. May contain some moisture.

Vapour Pressure: Negligible at normal ambient temperatures.

Vapour Density: Not applicable.

Specific Gravity: 2.15 (approx)

Water Solubility: Very soluble.

pH: No data. Likely to give slightly acidic solution.

Volatility: Negligible at normal ambient temperatures.

Odour Threshold: No data.

Evaporation Rate: Not applicable.

Product Name: Sensapool Calcium Increaser

Coeff Oil/Water Distribution: No data.
Particle Characteristics: Granules.
Autoignition Temp: Not applicable – does not burn.

SECTION 10 – Stability and Reactivity

Reactivity: This product is unlikely to react or decompose under normal storage conditions. However, if you have any doubts, contact the supplier for advice on shelf-life properties.

Conditions to Avoid: Keep containers tightly closed. Containers should be kept dry.

Incompatibilities: Water. Note this product will extract moisture from the air and dissolve in the extracted water.

Fire Decomposition: No significant quantities of decomposition products are expected at temperatures normally achieved in a fire. Combustion forms carbon dioxide, and if incomplete, carbon monoxide and possibly smoke. Water is also formed. May form hydrogen chloride gas and other compounds of chlorine. Carbon monoxide poisoning produces headache, weakness, nausea, dizziness, confusion, dimness of vision, disturbance of judgment and unconsciousness followed by coma and death.

Polymerisation: This product will not undergo polymerisation reactions.

SECTION 11 – Toxicological Information**Local Effects:**

Target Organs: There is no data to hand indicating any target organs.

Classification of Hazardous Ingredients

Ingredient	Health Hazard Statement Codes
Calcium chloride	H319
• Eye irritation – category 2A	

Potential Health Effects**Inhalation:**

Short term exposure: Available data indicates that this product is not harmful however, product may be mildly irritating, although unlikely to cause any more than mild transient discomfort.

Long term exposure: No data for health effects associated with long term inhalation.

Skin Contact:

Short term exposure: Available data indicates that this product is not harmful however, product may be mildly irritating, although unlikely to cause any more than mild transient discomfort.

Long term exposure: No data for health effects associated with long term skin exposure.

Ingestion:

Short term exposure: Significant oral exposure is deemed unlikely however, product may be mildly irritating, although unlikely to cause any more than mild transient discomfort.

Long term exposure: No data for health effects associated with long term ingestion.

Eye Contact:

Short term exposure: This product is an eye irritant. Symptoms may include stinging, reddening of eyes and watering. Symptoms should disappear if exposure is brief, however lengthy exposure or delayed treatment may cause permanent damage.

Long term exposure: No data for health effects associated with long term eye exposure.

Carcinogen Status:

SWA: No significant ingredient is classified as carcinogenic by SWA.

NTP: No significant ingredient is classified as carcinogenic by NTP.

IARC: No significant ingredient is classified as carcinogenic by IARC.

Product Name: Sensapool Calcium Increaser

SECTION 12 – Ecological Information

This product is unlikely to adversely effect the environment. Salts, acids and bases are typically diluted and neutralised when released to the environment in small quantities. Not expected to be an environmental hazard.

SECTION 13 – Disposal Considerations

Disposal: This product may be recycled if unused, or if it has not been contaminated to make it unsuitable for its intended use. If it has been contaminated, it may be possible to separate the contamination in some way. Only if neither of these options is suitable, consider landfill.

SECTION 14 – Transport Information

UN Number: This product is not classified as a Dangerous Good by ADG, IATA or IMDG/IMSBC criteria. No special transport conditions are necessary unless required by other regulations.

SECTION 15 – Regulatory Information

AICIS: This product is compliant with AICIS regulations.

SECTION 16 – Other Information

This SDS contains only safety-related information. See product literature for other data.

THIS SDS SUMMARISES OUR BEST KNOWLEDGE OF THE HEALTH AND SAFETY HAZARD STATEMENT: INFORMATION OF THE PRODUCT AND HOW TO SAFELY HANDLE AND USE THE PRODUCT IN THE WORKPLACE. EACH USER MUST REVIEW THIS SDS IN THE CONTEXT OF HOW THE PRODUCT WILL BE HANDLED AND USED IN THE WORKPLACE. IF CLARIFICATION OR FURTHER INFORMATION IS NEEDED TO ENSURE THAT AN APPROPRIATE RISK ASSESSMENT CAN BE MADE, THE USER SHOULD CONTACT THIS COMPANY SO WE CAN ATTEMPT TO OBTAIN ADDITIONAL INFORMATION FROM OUR SUPPLIERS. OUR RESPONSIBILITY FOR PRODUCTS SOLD IS SUBJECT TO OUR STANDARD TERMS AND CONDITIONS, A COPY OF WHICH IS SENT TO OUR CUSTOMERS AND IS ALSO AVAILABLE ON REQUEST.

Please read all labels carefully before using this product.

This SDS is prepared in accordance with the SWA document "Preparation of Safety Data Sheets for Hazardous Chemicals – Code of Practice" (June 2023) and GHS Revision 7