

Product Name: Sensapool Magnesium Mineral Blend

Section 1 – Identification of the Material and Supplier

Other Names: Magnesium chloride.
Product Use: Water softening agent.
This version issued: **Mar, 2026** 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: NONE. Not hazardous.

PREVENTION

P271 Use only outdoors or in a well-ventilated area.

P261: Avoid breathing dusts.

P280: Wear protective gloves, protective clothing, eye protection and face protection.

RESPONSE

P353: Rinse skin or shower with water.

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

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

P403+P233: Store in a well-ventilated place. Keep container tightly closed.

DISPOSAL

P501: Dispose of contents and containers to authorised waste collection point in accordance with local regulations.

Emergency Overview

Physical Description & Colour: Crystalline flake or powder.

Odour: No odour.

Major Health Hazards: No significant risk factors have been found for this product.

Section 3 – Composition/Information on Ingredients

Ingredients	CAS No	Conc,%	TWA (mg/m ³)	STEL (mg/m ³)
Ingredients deemed to be non-hazardous	secret	100%	not set	not set

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.

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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: Immediately flush contaminated eye(s) with lukewarm, gently flowing water for 15 minutes or until the product is removed. Obtain medical advice if irritation becomes painful or lasts more than a few minutes. 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. 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 may be toxic if inhaled.

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: Minor spills do not normally need any special cleanup measures. In the event of a major spill, prevent spillage from entering drains or water courses. As a minimum wear overalls, goggles and gloves. Suitable materials for protective clothing include cotton, rubber, PVC. Eye/face protective equipment should comprise as a minimum, protective glasses and preferably 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. 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.

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 containers of this product are kept tightly closed. Keep containers in a cool, dry, well-ventilated area. 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.

Product Name: Sensapool Magnesium Mineral Blend**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)
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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: No special ventilation requirements are normally necessary for this product, however, make sure that the work environment remains clear and that dusts are minimised.

Eye Protection: Eye protection such as glasses or goggles is recommended when handling this product.

Skin Protection: You should avoid contact with even mild skin irritants. Wear suitable gloves (preferably elbow-length) and facial protection when handling this product.

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

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:	Crystalline powder.
Odour:	No odour.
Boiling Point:	No data.
Flash Point:	No data.
Upper Flammability Limit:	No data.
Lower Flammability Limit:	No data.
Freezing/Melting Point:	Approx 118°C.
Volatiles:	No data.
Vapour Pressure:	No data.
Vapour Density:	No data.
Specific Gravity:	No data.
Water Solubility:	Soluble.
pH:	No data.
Volatility:	No data.
Odour Threshold:	No data.
Evaporation Rate:	Not applicable.
Coeff Oil/Water Distribution:	No data.
Particle Characteristics:	Flakes or powder.
Autoignition Temp:	No data.

Product Name: Sensapool Magnesium Mineral Blend**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: Strong acids, strong bases, strong oxidising agents.

Fire Decomposition: Combustion forms carbon dioxide, and if incomplete carbon monoxide and possibly smoke. Water is also formed. May form nitrogen and its compounds and under some conditions, oxides of nitrogen. Occasionally hydrogen cyanide gas in reducing atmospheres. Carbon monoxide poisoning produces headaches, 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

No ingredient mentioned in the HCIS Database is present in this product at hazardous concentrations.

Potential Health Effects

Inhalation:

Short term exposure: Available data indicates that this product is not harmful however, may be mildly irritating although unlikely to cause anything 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. It should present no hazards in normal use however, may be irritating although unlikely to cause anything 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 unlikely. However, this product may be irritating to mucous membranes but is unlikely to cause anything more than transient discomfort.

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

Eye Contact:

Short term exposure: This product may be irritating to eyes, but is unlikely to cause anything more than mild discomfort which should disappear once product is removed.

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.

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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

ADG Code: 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