

AeroCOOL™ Hot and Cold Pack

Safety Data Sheet



Section 1 - Identification

Product Identifier: AeroCOOL™ Hot and Cold Pack
Other Names: Compress, hot/cold pack, reusable (GMDN Code: 37240)
Recommended Use: A device that is intended to be applied with pressure to a body surface to provide cold or heat therapy to that surface and/or underlying tissue, e.g. the muscle. This device typically consists of a compact envelope containing a hydrated pliable silicate gel capable of forming to the contour of the body that can be heated or cooled. It is reusable.
Restrictions on Use: For external use only.

Supplier Details:

Aero Healthcare
2 Cameron Drive, Armidale NSW 2350, Australia
Tel: 1800 628 881 Landline: 02 6776 7200 Email: CustomerService@aerohealthcare.com
Emergency (after hours): Poisons Information Centre **13 11 26**

Section 2 – Hazard(s) Identification

GHS Classification: None.
Signal Word: None.
Hazard Statement(s): Not hazardous.
Precautionary Statements:

Prevention	Response	Storage	Disposal
P102: Keep out of reach of children.	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	P402+P404 – Store in a dry place in a closed container P403+P235 – Store in a well-ventilated place. Keep cool	P501 Dispose of contents/container in accordance with local regulations.

ADG Classification: None allocated; not a Dangerous Good.

UN Number: None allocated

SUSMP Classification: None allocated.

Emergency Overview:

Pale blue gel, odourless. No significant risk factor identified.

Section 3 – Composition and Information on Ingredients

Ingredient	CAS Number	Proportion	Classification
Water	7732-18-5	63.2935%	Not classified
Glycerol	56-81-5	35.48%	Not classified
Carbomer	76050-42-5	1.225%	Not classified
Mixture, 3(2H)-isothiazolone, 5-chloro-2-methyl-with 2-methyl-3(2H)-isothiazolone.	55965-84-9	0.0015%	Not classified

Minor quantities of other non-hazardous ingredients may also be present.

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Section 4 – First Aid Measures

General Advice:

If irritation or discomfort occurs, seek medical advice. Show this SDS to the health professional.

Inhalation: Not an inhalation hazard under normal use.

Skin Contact: Rinse with water if irritation occurs.

Eye Contact: Rinse cautiously with water. Seek medical advice if irritation persists.

Ingestion: Rinse mouth. Do not induce vomiting. Seek medical attention if discomfort occurs.

Symptoms and Effects: Seek medical advice if irritation or allergic reaction occurs.

Section 5 - Firefighting Measures

Suitable Extinguishing Media: Use media suitable for surrounding materials.

Specific Hazards: Product is non-combustible. If heated to dryness, may emit small amounts of carbon monoxide or dioxide.

Protective Equipment: Normal firefighting gear. No special precautions required.

Hazchem Code: Not applicable.

Section 6 – Accidental Release Measures

Personal Precautions: Wear gloves if handling large quantities.

Environmental Precautions: Prevent entry into waterways in bulk release.

Containment and Cleanup: Wipe up or rinse with water; dispose of in general waste.

Section 7 – Handling and Storage

Handling: Avoid contact with eyes. Follow good hygiene practices; wash hands after use.

Storage: Store below 30 °C in a cool, dry place. Keep pouch sealed until use. Protect from moisture and direct sunlight.

Section 8 – Exposure Controls / Personal Protection

Exposure Standards: No exposure limits established.

Engineering Controls: None normally required.

Personal Protective Equipment (PPE):

- Eyes: Not normally required. Use safety glasses if risk of splashing exists.
- Skin: No special protection required; wear gloves when handling bulk material.
- Respiratory: Not required under normal conditions.

Section 9 – Physical and Chemical Properties

Property	Value
Physical state	Gel
Colour	Pale blue
Odour	Odourless
Melting/Freezing point	Not available
Boiling point/initial boiling point and boiling range	Not available
Flammability	Non-flammable
Lower and upper explosion limit/flammability limit	Non-flammable
Flash point	Non-flammable
Auto-ignition temperature	Non-flammable
Decomposition temperature	Not available
pH	Not available
Kinematic Viscosity	Not available
Solubility	Not available
Partition Coefficient: n-octanol/water (log value)	Not available
Vapour pressure	Not available
Density and/or relative density	Not available
Relative vapour density	Not available
Particle characteristics	Not applicable

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Section 10 – Stability and Reactivity

Reactivity: Stable under normal conditions.

Chemical Stability: Stable when stored correctly.

Conditions to Avoid: None known.

Incompatible Materials: No particular incompatibilities.

Hazardous Decomposition Products: Carbon oxides if heated to dryness.

Hazardous Polymerisation: Will not occur.

Section 11 – Toxicological Information

Acute Toxicity: None known.

Skin Corrosion/Irritation: None known.

Eye Damage/Irritation: None known.

Inhalation: None known.

Ingestion: None known.

Carcinogenicity, Mutagenicity, Reproductive Toxicity: None known.

Target Organs: None known.

Section 12 – Ecological Information

Biodegradable. Not expected to bioaccumulate or cause long-term environmental effects.

Section 13 – Disposal Considerations

Dispose of in accordance with local regulations. Do not pierce or incinerate aerosol containers. Empty containers may be disposed of with general waste after depressurising safely.

Section 14 – Transport Information

UN Number: Not applicable

Proper Shipping Name: Not applicable

ADG Class: Not Dangerous Goods

Packing Group: Not applicable

Environmental Hazards: Not applicable

Transport in Bulk: Not applicable

Section 15 – Regulatory Information

TGA: Product is registered in the ARTG with ARTG No. 236927. Class I.

AICIS Status: All ingredients are listed on or exempt from the Australian Inventory of Industrial Chemicals (AIIC).

SUSMP: Not scheduled.

WHS Classification: Not hazardous.

Section 16 – Any Other Relevant Information

Date of Preparation: November 2025

Next Review Date: November 2030

Document Control No: AU-SDS-030 V3

References:

Safe Work Australia Code of Practice: Preparation of Safety Data Sheets for Hazardous Chemicals (July 2020)

Disclaimer:

This SDS summarises our best knowledge of the product's health and safety information and safe handling recommendations. It should be reviewed in the context of workplace use and conditions.