

# AeroCOOL™ Instant Cooling Spray

## Safety Data Sheet



### Section 1 - Identification

**Product Identifier:** AeroCOOL™ Instant Cooling Spray  
**Other Names:** Cold treatment spray (GMDN Code: 46557 )  
**Recommended Use:** A liquid in a container that is vapourized when dispensed for application to the body surface to provide a cooling effect for surface and underlying tissues. It is used to reduce pain and swelling typically from sports injuries. Intended for use on unbroken skin only.  
**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:** Flammable Aerosols, Category 1.

**Signal Word:** DANGER.

**Hazard Statement(s):**

H222: Extremely flammable aerosol.

H229: Contains gas under pressure; may explode if heated.

**Precautionary Statements:**

Prevention	Response	Storage	Disposal
P102: Keep out of reach of children. P210: Keep away from heat, sparks, open flames and hot surfaces. - No smoking. P211: Do not spray on an open flame or other ignition source. P241: Use explosion-proof electrical ventilating, lighting and other equipment. P242: Use only non-sparking tools. P243: Take precautionary measures against static discharge. P251: Do not pierce or burn, even after use. P262: Do not get in eyes, on skin, or on clothing. P280: Wear protective gloves, protective clothing and eye or face protection.	P337: If eye irritation persists, seek medical attention. P353: Rinse skin or shower with water. P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. P303+P361+P353: IF ON SKIN (or hair): Remove immediately all contaminated clothing. Rinse skin with water. P372: Explosion risk in case of fire. P370+P378: In case of fire, note the following. Water fog or fine spray is the preferred medium for large fires. Try to contain spills, minimise spillage entering drains or water courses.	P403+P235: Store in a well-ventilated place. Keep cool. P410+P412: Store below 30°C, protect from direct sunlight and do not expose to temperatures exceeding 50°C.	P501 Dispose of contents/container in accordance with local regulations.

**ADG Classification:** Class 2.1 Flammable Gas.

**UN Number:** 1950, Aerosols

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**SUSMP Classification:** None allocated.

### Emergency Overview:

Clear, colourless liquid with alcohol odour contained in pressurised aerosol can. Highly flammable. May cause mild skin or eye irritation on misuse.

### Section 3 – Composition and Information on Ingredients

Ingredient	CAS Number	Proportion	Classification	Hazard Pictogram
Liquefied Petroleum Gas	68476-85-7	60-90%	Flammable Gas 1A H220 Press. Gas (Liq.) H280	GHS02 GHS04
Ethanol	64-17-5	10-20%	Flammable Liquid 2 H225	GHS02

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

### Section 4 – First Aid Measures

General Advice:

If in doubt, contact the Poisons Information Centre (13 11 26). Show this SDS to the health professional.

Inhalation: Move to fresh air. Seek medical advice if symptoms develop.

Skin Contact: If frostbite occurs due to prolonged spraying, rinse with lukewarm water. Do not rub affected area. Seek medical attention if necessary.

Eye Contact: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Seek medical advice if irritation persists.

Ingestion: Unlikely route of exposure. Rinse mouth with water. Do not induce vomiting. Seek medical attention if discomfort occurs.

Symptoms and Effects: Direct spray on skin or eyes may cause frostbite or irritation.

Advice to Doctor: Treat symptomatically.

### Section 5 - Firefighting Measures

Suitable Extinguishing Media: Use extinguishing media appropriate to the surrounding fire conditions. Water spray, dry chemical, carbon dioxide (CO<sub>2</sub>), or foam may be used.

Specific Hazards: Extremely flammable aerosol. May explode when heated. Combustion produces carbon oxides.

Protective Equipment: Firefighters should wear full protective gear and self-contained breathing apparatus (SCBA).

Hazchem Code: 2YE

### Section 6 – Accidental Release Measures

Personal Precautions: Avoid contact with leaking material. Eliminate ignition sources. Ventilate the area.

Environmental Precautions: Prevent spillage from entering drains or waterways.

Containment and Cleanup: Absorb liquid with inert material and place in suitable waste container. Dispose according to local regulations.

### Section 7 – Handling and Storage

Handling: Use in a well-ventilated area. Keep away from heat, sparks, open flames, and hot surfaces. Do not puncture or incinerate cans.

Storage: Store below 30 °C, away from direct sunlight and ignition sources. Protect from physical damage.

### Section 8 – Exposure Controls / Personal Protection

Exposure Standards: Ethanol TWA: 1880 mg/m<sup>3</sup> (Safe Work Australia).

Engineering Controls: Ensure adequate ventilation.

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Personal Protective Equipment (PPE):

- Eyes: Safety glasses recommended.
- Skin: Avoid prolonged contact; wear protective gloves if handling large amounts.
- Respiratory: Not normally required; use if ventilation is inadequate.

### Section 9 – Physical and Chemical Properties

Property	Value
Physical state	Aerosol (pressurised can)
Colour	Clear, colourless
Odour	Alcohol odour
Melting/Freezing point	Not available
Boiling point/initial boiling point and boiling range	Not applicable
Flammability	Extremely flammable
Lower and upper explosion limit/flammability limit	Not available
Flash point	Not applicable
Auto-ignition temperature	Not available
Decomposition temperature	Not available
pH	Not available
Kinematic Viscosity	Not available
Solubility	Soluble in water
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 available

### Section 10 – Stability and Reactivity

Reactivity: None anticipated.

Chemical Stability: Stable under normal conditions.

Conditions to Avoid: Heat, sparks, open flames, and direct sunlight.

Incompatible Materials: Not known.

Hazardous Decomposition Products: No hazardous decomposition products known.

Hazardous Polymerisation: Will not occur.

### Section 11 – Toxicological Information

Acute Toxicity: No significant health risks under normal use.

Skin Corrosion/Irritation: Prolonged or direct spray may cause frostbite.

Eye Damage/Irritation: Direct spray may irritate eyes or cause frostbite.

Inhalation: Overexposure may cause dizziness or headache.

Ingestion: Unlikely; may cause irritation to mouth or throat.

Carcinogenicity, Mutagenicity, Reproductive Toxicity: No ingredients classified as carcinogenic by SWA, IARC, or NTP.

Target Organs: None known.

### Section 12 – Ecological Information

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

Avoid uncontrolled release to the environment.

### 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: 1950 – Aerosols

Proper Shipping Name: Aerosols, Flammable

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ADG Class: 2.1 – Flammable Gas  
Packing Group: Not applicable  
Hazchem Code: 2YE  
Environmental Hazards: Not applicable  
Special Provisions: 63, 190, 277  
Limited Quantity: 1000 mL

### Section 15 – Regulatory Information

TGA: Product is registered in the ARTG with ARTG No. 236796. Class I.  
AICIS Status: All ingredients are listed on or exempt from the Australian Inventory of Industrial Chemicals (AIIC).  
SUSMP: Not scheduled.  
WHS Classification: Classified as hazardous according to GHS7.  
Dangerous Goods Classification: Class 2.1 Flammable Aerosol.

### Section 16 – Any Other Relevant Information

Date of Preparation: November 2025  
Next Review Date: November 2030  
Document Control No: AU-SDS-006 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.