

Safety Data Sheet

Scott's Blueing Solution

SECTION 1: Identification

1.1 GHS Product identifier

Product name Scott's Blueing Solution

Product number SCOT-500M/1L/2.5L/5L

1.4 Supplier's details

Name Hurst Scientific

Address 2 Transit Place
6112 Forrestdale WA
Australia

Telephone 1300 778 068

email sales@hurstscientific.com.au

1.5 Emergency phone number

Australian Poisons Information Centre 131 126

Australian Emergency Services 000

SECTION 2: Hazard identification

General hazard statement

Classified as a NON-Hazardous substance according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) and Safe Work Australia criteria.

Classified as a NON-Dangerousgoods according to the ADG Code for the Transport of Dangerous Goods by Road and Rail (7th Edition).

2.1 Classification of the substance or mixture

GHS classification in accordance with: UN GHS revision 7

2.2 GHS label elements, including precautionary statements

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Hazardous components

Component	Concentration
Magnesium sulfate heptahydrate (CAS no.: 10034-99-8)	2 %
CLASSIFICATIONS: No data available. HAZARDS: No data available.	
Sodium bicarbonate (CAS no.: 144-55-8)	1 %
CLASSIFICATIONS: No data available. HAZARDS: No data available.	
Water (CAS no.: 7732-18-5)	Remainder

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CLASSIFICATIONS: No data available. HAZARDS: No data available.

SECTION 4: First-aid measures

4.1 Description of necessary first-aid measures

If inhaled	Evacuate to fresh air immediately. If unconscious place in recovery position, provide artificial respiration if breathing ceases. Seek medical attention.
In case of skin contact	Remove contaminated clothing and wash affected area with soap and water thoroughly. If irritation develops, seek medical attention.
In case of eye contact	Flush eyes with copious amounts of water for at least 15 minutes. If irritation develops or persists, seek medical attention.
If swallowed	DO NOT induce vomiting. Wash mouth out with copious amounts of water and seek medical attention.

SECTION 5: Fire-fighting measures

5.1 Suitable extinguishing media

Use media suitable for other material involved in fire.

5.2 Specific hazards arising from the chemical

Toxic gases may evolve.

5.3 Special protective actions for fire-fighters

Wear SCBA (Self-Contained Breathing Apparatus) and full protective equipment.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Wear appropriate protective equipment and ensure adequate ventilation.

6.3 Methods and materials for containment and cleaning up

Absorb with vermiculite or similar and place into a suitably labelled container for later disposal. Wash the affected area with water. Do not contaminate drains or waterways.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Use only in an adequately ventilated area away from all sources of ignition. Avoid breathing in mists or vapours. Wear appropriate protective clothing to avoid any exposure and practice good personal hygiene.

7.2 Conditions for safe storage, including any incompatibilities

Store in a cool, dry, well-ventilated area away from direct sunlight and oxidisers. Keep container tightly closed.

SECTION 8: Exposure controls/personal protection

8.2 Appropriate engineering controls

Ensure an adequate ventilation or exhaust system is in place.

8.3 Individual protection measures, such as personal protective equipment (PPE)

Eye/face protection

Safety glasses or goggles.

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Skin protection

Gloves and laboratory coat.

SECTION 9: Physical and chemical properties

Basic physical and chemical properties

Physical state	Liquid
Appearance	No data available.
Color	Colourless
Odor	Odourless
Odor threshold	No data available.
Melting point/freezing point	0°C
Boiling point or initial boiling point and boiling range	100°C
Flammability	Not flammable
Lower and upper explosion limit/flammability limit	No data available.
Flash point	No data available.
Explosive properties	No data available.
Auto-ignition temperature	No data available.
Decomposition temperature	No data available.
Oxidizing properties	No data available.
pH	No data available.
Kinematic viscosity	No data available.
Solubility	Water Soluble
Partition coefficient n-octanol/water (log value)	No data available.
Vapor pressure	No data available.
Evaporation rate	No data available.
Density and/or relative density	No data available.
Relative vapor density	No data available.
Particle characteristics	No data available.

Supplemental information regarding physical hazard classes

No data available.

Further safety characteristics (supplemental)

No data available.

SECTION 10: Stability and reactivity

10.1 Reactivity

Non-reactive under recommended conditions for use and storage.

10.2 Chemical stability

Stable under recommended conditions for use and storage

10.3 Possibility of hazardous reactions

Polymerisation will not occur.

10.4 Conditions to avoid

Direct sunlight and incompatibles.

10.5 Incompatible materials

Sodium bicarbonate: Strong acids, Strong oxidizing agents

10.6 Hazardous decomposition products

Sodium bicarbonate: Other decomposition products - No data available
In the event of fire: see section 5

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SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity

No classification.

Skin corrosion/irritation

May cause irritation resulting in itching and redness.

Serious eye damage/irritation

May cause irritation resulting in redness, pain and lacrimation.

Respiratory or skin sensitization

May cause irritation of the respiratory tract.

Germ cell mutagenicity

No classification.

Carcinogenicity

No classification.

Reproductive toxicity

No classification.

Specific target organ toxicity (STOT) - single exposure

No classification.

Specific target organ toxicity (STOT) - repeated exposure

No classification.

Aspiration hazard

No classification.

SECTION 12: Ecological information

Toxicity

No data available.

Persistence and degradability

No data available.

Bioaccumulative potential

No data available.

Mobility in soil

No data available.

Results of PBT and vPvB assessment

No data available.

SECTION 13: Disposal considerations

Disposal methods

Product disposal

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Dispose of in accordance with local authority guidelines.

Packaging disposal

Dispose of in accordance with local authority guidelines.

Waste treatment

Dispose of in accordance with local authority guidelines.

Sewage disposal

Dispose of in accordance with local authority guidelines.

SECTION 14: Transport information

DOT (US)

UN Number: Not available

Class: Not available

Packing Group: Not available

Proper Shipping Name: Not available

Reportable quantity (RQ): Not available

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations specific for the product in question

Australian Inventory of Industrial Chemicals

Chemical name: Sulfuric acid, magnesium salt, heptahydrate

CAS number: 10034-99-8, CR number: 12389

Australian Inventory of Industrial Chemicals

Chemical name: Carbonic acid, monosodium salt

CAS number: 144-55-8, CR number: 3993

Australian Inventory of Industrial Chemicals

Chemical name: Water

CAS number: 7732-18-5, CR number: 11271

SECTION 16: Other information

16.1 Further information/disclaimer

This SDS is prepared in accordance with the Safe Work Australia, Preparation of Safety Data Sheets for Hazardous Chemicals

Code of Practice, (2011). The information contained within is believed to be accurate at the date of preparation/review. Hurst Scientific makes no claims of the accuracy or completeness of the information and excludes all liability for any loss or damage related to the supply or use of the information in this material safety data sheet. It is recommended the user make their own determinations as to the suitability of the information provided to the application in which the product is to be used.

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16.2 Preparation information

References

1. Safe Work Australia, Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice, (2011).
2. Safe Work Australia, National Code of Practice for the Labelling of Workplace Hazardous Chemicals (2015).
3. Safe Work Australia, Workplace Exposure Standards for Airborne Contaminants (2013)
4. National Transport Commission Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code); Canprint: Canberra (2007), Volume 1, 7th Edition.
5. Standards Australia, Dangerous Goods Initial Emergency Response Guide: Australian Handbook (SAA/SNZ HB76); Homebush (2004).