



Safety Data Sheet Luxol Fast Blue

SECTION 1: Identification

GHS Product identifier

Product name Luxol Fast Blue

Brand Hurstchem

Other means of identification

Solvent Blue 38, Direct Blue 86

Recommended use of the chemical and restrictions on use

Laboratory Reagent

Supplier's details

Name Hurst Scientific
Address 2/36 Hensbrook Loop
6112 Forrestdale WA
Australia

Telephone 1300 778 068
email sales@hurstscientific.com.au

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-Dangerous goods** according to the ADG Code for the Transport of Dangerous Goods by Road and Rail (7th Edition).

Classification of the substance or mixture

GHS classification in accordance with: UN GHS revision 7

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Not a hazardous substance or mixture.

GHS label elements, including precautionary statements

Not a hazardous substance or mixture.

Other hazards which do not result in classification

Not a hazardous substance or mixture.

SECTION 3: Composition/information on ingredients

Mixtures

1. LUXOL FAST BLUE MBSN

Concentration	100%
CAS no.	1328-51-4

SECTION 4: First-aid measures

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. Seek medical attention.
In case of eye contact	Flush eyes with copious amounts of water for at least 15 minutes. Seek medical attention.
If swallowed	DO NOT induce vomiting. Wash mouth out with copious amounts of water and seek medical attention.

Personal protective equipment for first-aid responders

First aid facilities Eye wash station, safety shower and First Aid kit.

Indication of immediate medical attention and special treatment needed, if necessary

Treat symptomatically and supportively.

SECTION 5: Fire-fighting measures

Suitable extinguishing media

Use carbon dioxide, dry chemical, foam, water mist or water spray.

Specific hazards arising from the chemical.

Toxic gases may evolve.

Special protective actions for fire-fighters

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

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Further information

Hazchem code: None allocated.

SECTION 6: Accidental release measures

Personal precautions, protective equipment, and emergency procedures

Wear suitable protective equipment. Prevent run off into drains and waterways. Ventilate the area well.

Methods and materials for containment and cleaning up.

Sweep up and place into a suitably labelled container for later disposal. Do not contaminate drains or waterways.

SECTION 7: Handling and storage

Precautions for safe handling

Use only in an adequately ventilated area. Wear appropriate protective clothing to avoid any exposure and practice good personal hygiene. Avoid dust formation and contact with skin and eyes.

Conditions for safe storage, including any incompatibilities.

Store in a cool, dry, well-ventilated area away from incompatibles. Keep containers tightly closed.

SECTION 8: Exposure controls/personal protection

Appropriate engineering controls

Ensure an adequate ventilation or exhaust system is in place.

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

Respiratory protection

Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Always use a NIOSH or European Standard EN 149 approved respirators when necessary.

Eye/face protection

Safety glasses or goggles with side shields.

Skin protection

Gloves and laboratory coat.

Respiratory protection

National exposure standards Not available for this product.

Dust not otherwise specified is [TWA] 10mg/m³.

SECTION 9: Physical and chemical properties

Basic physical and chemical properties

Appearance	Powder
Colour	Blue
Odor	Odourless
Melting point/freezing point	Not available
Boiling point or initial boiling point and boiling range	Not available
Flammability	Non-flammable

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Lower and upper explosion limit/flammability limit	Not applicable
pH	Not available
Solubility	Soluble in water
Vapor pressure	Not available
Density and/or relative density	Not available
Relative vapor density	Not available

SECTION 10: Stability and reactivity

Reactivity

Non-reactive under recommended conditions for use and storage.

Chemical stability

Stable under recommended conditions for use and storage.

Possibility of hazardous reactions

Polymerisation will not occur.

Conditions to avoid.

Excess heat, dust generation and incompatibles.

Incompatible materials

Strong oxidising agents.

Hazardous decomposition products

Toxic gases may evolve.

SECTION 11: Toxicological information

Information on toxicological effects

HEALTH EFFECTS:

ACUTE:

Eye Contact May cause mechanical irritation, mild abrasion, redness, and stinging.

Skin Contact May cause irritation, redness and itching as a result of mechanical irritation.

Inhalation May cause irritation to the mucous membranes of the upper respiratory tract.

Ingestion May cause nausea, vomiting and irritation to the mucous membranes of the mouth, throat, and oesophagus.

Skin corrosion/irritation

No classification.

Serious eye damage/irritation

No classification.

Respiratory or skin sensitization

No classification.

Germ cell mutagenicity

No classification.

Carcinogenicity

Not an IARC listed chemical.

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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.

Additional information

TOXICITY DATA: No data available.

SECTION 12: Ecological information

Toxicity

Not available.

Persistence and degradability

Not available.

Bioaccumulate potential

Not expected to bio-accumulate.

Mobility in soil

Not available.

Other adverse effects

Environmental fate (exposure) Do not contaminate drains and waterways.

SECTION 13: Disposal considerations

Disposal methods

Product disposal

Dispose of in accordance with local authority guidelines.

Packaging disposal

Dispose of in accordance with local authority guidelines.

Other disposal recommendations

Special precautions Nil.

SECTION 14: Transport information

UN Number	None
UN Proper Shipping Name	None
Transport hazard class(es)	None
Packing group	None

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Environmental hazards	None
Special precautions for user	None
Transport in bulk according to IMO instruments	None

SECTION 15: Regulatory information

Chemical Safety Assessment

- **Poison Schedule:** None allocated.
- **TWA (Time Weighted Average):** The average airborne concentration of a particular substance when calculated over a normal eight hour working day, for a five-day week.

SECTION 16: Other information

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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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); Can print: Canberra (2007), Volume 1, 7th Edition.
5. Standards Australia, Dangerous Goods Initial Emergency Response Guide: Australian Handbook (SAA/SNZ HB76); Homebush (2004).