HURST SCIENTIFIC

Safety Data Sheet
Basic Fuchsin Powder

SECTION 1: Identification

GHS Product identifier

Product name	Basic Fuchsin Powder
Product number	BF-25G
Brand	Hurstchem

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 **Hazardous** substance according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) and Safe Work Australia criteria.

GHS classification in accordance with: UN GHS revision 7

- Acute toxicity, inhalation, Cat. 4
- Acute toxicity, dermal, Cat. 4
- Acute toxicity, oral, Cat. 4
- Skin corrosion/irritation, Cat. 2
- Serious eye damage/eye irritation, Cat. 2A

- Carcinogenicity, Cat. 2
- Specific target organ toxicity following single exposure, Cat. 3

GHS label elements, including precautionary statements

Pictograms

1. Exclamation mark; 2. Health hazard

Signal word	**Warning**

Hazard statement(s)

H302	Harmful if swallowed
H351	Suspected of causing cancer [route]
H401	Toxic to aquatic life

Precautionary statement(s)

P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P264	Wash … thoroughly after handling.
P273	Avoid release to the environment.
P281	Wear protective gloves/protective clothing/eye protection/face protection.
P301+P312+P330	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P308+P313	IF exposed or concerned: Get medical advice/attention.
P405	Store locked up.
P501	Dispose of contents/container to …

Other hazards which do not result in classification
Classified as a **NON-Dangerous goods** according to the ADG Code for the Transport of Dangerous Goods by Road and Rail (7th Edition).

SECTION 3: Composition/information on ingredients

Mixtures

1. C.I. BASIC VIOLET 14

Concentration	100 %
CAS no.	632-99-5

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
Dry chemical, Carbon Dioxide, foam 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.

Hazchem code: None allocated.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures
Wear appropriate protective equipment and ensure area is adequately ventilated. Avoid dust generation. Do not contaminate drains and waterways.

Methods and materials for containment and cleaning up
Sweep up and place into suitably labelled containers for later disposal. Avoid dust generation.

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)

Eye/face protection
Safety glasses or goggles with side shields.

Skin protection
Gloves and laboratory coat.

National exposure standards Not available for this product.

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.

SECTION 9: Physical and chemical properties

Physical state	Solid
Appearance	Metallic green/dark green powder
Colour	Green
Odor	Odourless
Melting point/freezing point	250°C
Boiling point or initial boiling point and boiling range	Not available
Flammability	Non-combustible
Lower and upper explosion limit/flammability limit	Not applicable
pH	Not available
Solubility	Soluble
Vapor pressure	Not available
Density and/or relative density	Not available
Relative vapor density	

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.
Direct sunlight and excessive heat.

Incompatible materials
Strong oxidisers.

Hazardous decomposition products
Toxic gases may evolve.

SECTION 11: Toxicological information

Information on toxicological effects

HEALTH EFFECTS:
Eye Contact May cause irritation resulting in redness, pain and lacrimation.

Skin Contact May cause irritation resulting in itching and redness.
Inhalation May cause irritation of the upper respiratory tract resulting in headaches, coughing, and wheezing.
Ingestion May cause irritation to the throat and stomach may lead to nausea and vomiting.

Skin corrosion/irritation
Harmful in contact with skin.

Serious eye damage/irritation
Risk of serious damage to eyes.

Respiratory or skin sensitization
No classification.

Germ cell mutagenicity
No classification.

Carcinogenicity
Classified as Category 2B Carcinogen in IARC monographs. Possibly carcinogenic to humans.

Reproductive toxicity
No classification.

Specific target organ toxicity (STOT) - single exposure.
Harmful.

Specific target organ toxicity (STOT) - repeated exposure.
No classification.

Aspiration hazard
No classification.

TOXICITY DATA: No data for this mixture.

SECTION 12: Ecological information

Toxicity
Not available.

Persistence and degradability
Not available.

Bioaccumulate potential
Not expected to bio-accumulate.

Mobility in soil
Not available.

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

SECTION 13: Disposal considerations

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
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: Not scheduled.

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.

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).