

## Safety Data Sheet

### Haematoxylin Stain Powder

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#### SECTION 1: Identification

##### 1.1 GHS Product identifier

Product name	Haematoxylin Stain Powder
Product number	H-25g / H-100g
Brand	Hurstchem

##### 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

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#### 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.

Classified as a NON-Dangerous goods 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

- Acute toxicity, oral, Cat. 4
- Skin corrosion/irritation, Cat. 2
- Serious eye damage/eye irritation, Cat. 2A
- Specific target organ toxicity following single exposure, Cat. 3

##### 2.2 GHS label elements, including precautionary statements

###### Pictograms



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1. Exclamation mark

### Signal word

### Warning

#### Hazard statement(s)

H302  
H315  
H319  
H335  
H336

Harmful if swallowed  
Causes skin irritation  
Causes serious eye irritation  
May cause respiratory irritation  
May cause drowsiness or dizziness

#### Precautionary statement(s)

P261  
P264  
P270  
P271  
P280  
  
P301+P312  
P302+P352  
P304+P340  
  
P305+P351+P338  
  
P312  
P321  
P330  
P332+P313  
P337+P313  
P362+P364  
P403+P233  
P405  
P501

Avoid breathing dust/fume/gas/mist/vapors/spray.  
Wash ... thoroughly after handling.  
Do not eat, drink or smoke when using this product.  
Use only outdoors or in a well-ventilated area.  
Wear protective gloves/protective clothing/eye protection/face protection.  
IF SWALLOWED: Call a POISON CENTER/doctor/...if you feel unwell,  
IF ON SKIN: Wash with plenty of water/...  
IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
Call a POISON CENTER/doctor/... if you feel unwell.  
Specific treatment (see ... on this label).  
Rinse mouth.  
If skin irritation occurs: Get medical advice/attention.  
If eye irritation persists: Get medical advice/attention.  
Take off contaminated clothing and wash it before reuse.  
Store in a well-ventilated place. Keep container tightly closed.  
Store locked up.  
Dispose of contents/container to ...

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## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

#### Hazardous components

Component	Concentration
Hematoxylin (CAS no.: 517-28-2)	90-100 %

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## SECTION 4: First-aid measures

### 4.1 Description of necessary first-aid measures

If inhaled	Evacuate to fresh air immediately. Consult a physician.
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. Rinse mouth with water and seek immediate medical attention.

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## SECTION 5: Fire-fighting measures

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### 5.1 Suitable extinguishing media

Use water spray, dry chemical, Carbon Dioxide or alcohol-resistant foam.

### 5.2 Specific hazards arising from the chemical

Toxic gases may evolve (Oxides of Carbon).

### 5.3 Special protective actions for fire-fighters

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

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## SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

Wear appropriate protective clothing. Ensure adequate ventilation. If possible contain the spill and avoid dust generation.

### 6.3 Methods and materials for containment and cleaning up

Vacuum or sweep up and place into a suitably labelled container.

Dispose of waste according to local authority guidelines. Wash the affected area with a large volume of water. Do not contaminate drains or waterways.

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## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

Use only in an adequately ventilated area and avoid dust generation where possible. 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 light and incompatibles. Keep containers tightly closed when not in use.

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## SECTION 8: Exposure controls/personal protection

### 8.1 National Exposure Standards

Not available for this product

### 8.2 Appropriate engineering controls

Ensure adequate ventilation to maintain airborne concentrations below national exposure standards.

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

#### Eye/face protection

Safety glasses or chemical safety goggles, chemical-resistant gloves and laboratory coat.

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## SECTION 9: Physical and chemical properties

### Basic physical and chemical properties

Physical state	Solid
Appearance	Light tan to brown powder
Color	No data available.
Odor	No data available.
Odor threshold	No data available.
Melting point/freezing point	200°C (decomposes)
Boiling point or initial boiling point and boiling range	No data available.
Flammability	Combustible solid
Lower and upper explosion limit/flammability limit	No data available.

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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	No data available.
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.

#### Further safety characteristics (supplemental)

No data available.

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## 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. Light sensitive.

### 10.3 Possibility of hazardous reactions

Polymerisation not expected to occur.

### 10.4 Conditions to avoid

Light, incompatibles and dust generation.

### 10.5 Incompatible materials

Strong oxidising agents.

### 10.6 Hazardous decomposition products

Toxic gases may evolve.

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## SECTION 11: Toxicological information

### Information on toxicological effects

#### Skin corrosion/irritation

Can cause irritation, redness and itching.

#### Serious eye damage/irritation

Can cause abrasive irritation, stinging, lacrimation, redness and pain.

#### Respiratory or skin sensitization

May cause respiratory irritation.

#### Germ cell mutagenicity

No classification.

#### Carcinogenicity

Not classified by the IARC.

#### Reproductive toxicity

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### Haematoxlyin Stain Powder

No classification.

#### Specific target organ toxicity (STOT) - single exposure

May cause respiratory irritation.

#### Specific target organ toxicity (STOT) - repeated exposure

No classification.

#### Aspiration hazard

No classification.

#### Additional information

HEMATOXYLIN: \*TOXICITY:

typ. dose mode specie amount unit other

TDLO ORL RAT 360 MG/KG/26WC TFX:CAR

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## 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.

#### Endocrine disrupting properties

No data available.

#### Other adverse effects

No data available.

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## SECTION 13: Disposal considerations

#### Disposal methods

##### Product disposal

Dispose of in accordance with local authority guidelines. Do not contaminate drains and waterways.

##### Packaging disposal

Dispose of in accordance with local authority guidelines.

##### Waste treatment

Dispose of in accordance with local authority guidelines. Do not contaminate drains and waterways.

##### Sewage disposal

Dispose of in accordance with local authority guidelines. Do not contaminate drains and waterways.

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## SECTION 14: Transport information

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### DOT (US)

UN Number: NONE ALLOCATED

Class: NONE ALLOCATED

Packing Group: NONE ALLOCATED

Proper Shipping Name: NONE ALLOCATED

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## SECTION 15: Regulatory information

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

#### Australian Inventory of Industrial Chemicals

Chemical name: Benz[b]indeno[1,2-d]pyran-3,4,6a,9,10(6h)-pentol, 7,11b-dihydro-, cis-(+)-

CAS number: 517-28-2, CR number: 4641

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## 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

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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).