

## Safety Data Sheet WEIGERT'S IRON HAEMATOXYLIN Part B

SDS no. M1T7SE09 • Version 1.0 • Date of issue: 2024-11-03

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### SECTION 1: Identification

#### GHS Product identifier

Product name WEIGERT'S IRON HAEMATOXYLIN Part B

Product number IRNHB

#### Recommended use of the chemical and restrictions on use

Laboratory reagent.

#### Supplier's details

Name ChemSupply Australia Pty Ltd  
Address 38-50 Bedford Street  
5013 Gillman South Australia  
Australia

Telephone 08 8440 2000  
email [www.chemsupply.com.au](http://www.chemsupply.com.au)

#### National contact

Name Australian Biostain Pty Ltd  
Address 16 Shipwright Road  
5016 Largs North SA  
Australia

#### Emergency phone number

CHEMCALL 1800 127 406 (Australia) / +64-4-917-9888 (International)

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### SECTION 2: Hazard identification

#### General hazard statement

Not classified as dangerous goods according to the Australian Dangerous Goods Code (ADG).

Classified as Hazardous according to the Globally Harmonised System of classification and labelling of Chemicals (GHS) including Work, Health and Safety regulations, Australia.

#### Classification of the substance or mixture

GHS classification in accordance with: UN GHS revision 7

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- Corrosive to metals, Cat. 1
- Serious eye damage/eye irritation, Cat. 2A
- Skin corrosion/irritation, Cat. 2

#### GHS label elements, including precautionary statements

##### Pictograms



##### Signal word

##### Warning

##### Hazard statement(s)

H290

May be corrosive to metals

H315

Causes skin irritation

H319

Causes serious eye irritation

##### Precautionary statement(s)

P234

Keep only in original packaging.

P280

Wear protective gloves/protective clothing/eye protection/face protection.

P302+P352

IF ON SKIN: Wash with plenty of water/soap

P305+P351+P338

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P332+P313

If skin irritation occurs: Get medical advice/attention.

P337+P313

If eye irritation persists: Get medical advice/attention.

P362+P364

Take off contaminated clothing and wash it before reuse.

P390

Absorb spillage to prevent material-damage.

P406

Store in a corrosive resistant/... container with a resistant inner liner.

## SECTION 3: Composition/information on ingredients

### Mixtures

#### Components

Component	CAS no.	Concentration
<b>Water (EC no.: 231-791-2)</b>	<b>7732-18-5</b>	<b>&gt;= 97 % (weight)</b>
CLASSIFICATIONS: No data available. HAZARDS: No data available.		
<b>Iron (III), chloride, hexahydrate (EC no.: 231-729-4)</b>	<b>10025-77-1</b>	<b>&lt; 2 % (weight)</b>
CLASSIFICATIONS: Skin corrosion/irritation, Cat. 1B; Acute toxicity, oral, Cat. 4. HAZARDS: No data available.		
<b>HYDROCHLORIC ACID (&lt;37%) (EC no.: 231-595-7; Index no.: 017-002-01-X)</b>	<b>7647-01-0</b>	<b>&lt; 1 % (weight)</b>
CLASSIFICATIONS: Specific target organ toxicity following single exposure, Cat. 3; Skin corrosion/irritation, Cat. 1B. HAZARDS: H314 - Causes severe skin burns and eye damage; H335 - May cause respiratory irritation. [SCLs/M-factors/ATEs]: Skin Corr. 1B; H314: C ≥ 25 %; Skin Irrit. 2; H315: 10 % ≤ C < 25 %; Eye Irrit. 2; H319: 10 % ≤ C < 25 %; STOT SE 3; H335: C ≥ 10 %		

## SECTION 4: First-aid measures

### Description of necessary first-aid measures

#### General advice

First Aid Facilities: Maintain eyewash fountain in work area.

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If inhaled	If inhaled, remove from contaminated area to fresh air immediately. Apply artificial respiration if not breathing. If breathing is difficult, give oxygen. Get medical aid if cough or other symptoms appear.
In case of skin contact	Rinse with plenty of water. Get medical attention if irritation develops and persists.
In case of eye contact	If contact with the eye(s) occurs, wash with copious amounts of water for approximately 15 minutes holding eyelid(s) open. Take care not to rinse contaminated water into the non-affected eye. If persistent irritation occurs, obtain medical attention.
If swallowed	Rinse mouth thoroughly with water immediately, repeat until all traces of product have been removed. DO NOT INDUCE VOMITING. Seek medical advice if effects persist.

#### Most important symptoms/effects, acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

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

For advice, contact the National Poisons Information Centre (Phone Australia 13 11 26; New Zealand 0800 764 766) or a doctor.

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## SECTION 5: Fire-fighting measures

#### Suitable extinguishing media

Use fire extinguishing media appropriate for surrounding environment. Use water spray, dry chemical, carbon dioxide, or appropriate foam. This material is substantially water.

#### Specific hazards arising from the chemical

Material does not burn. Runoff may pollute waterways

#### Special protective actions for fire-fighters

Wear SCBA and structural firefighter's uniform.

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## SECTION 6: Accidental release measures

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

Avoid inhalation, contact with skin, eyes and clothing.

Wear protective clothing specified for normal operations (see Section 8)

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

Absorb or contain liquid with sand, earth or spill control material. Shovel up using non sparking tools and place in a labelled, sealable container for subsequent safe disposal. Put leaking containers in a labelled drum or overdrum.

Prevent from entering into drains, ditches, rivers or the sea.

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## SECTION 7: Handling and storage

#### Precautions for safe handling

Wear protective clothing specified for normal operations (see Section 8)

Avoid dust/fumes.

Wear Safety glasses, gloves and protective apron.

Work in an area of good ventilation, an approved fume cupboard is preferred.

No eating or drinking in workplace, wash hands whenever leaving work area.

**Conditions for safe storage, including any incompatibilities**

Avoid contact with metals.

Keep containers closed at all times. Keep container dry Store at room temperature (15 - 25 °C).

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**SECTION 8: Exposure controls/personal protection**

**Control parameters**

**CAS: 7647-01-0**

HYDROCHLORIC ACID (<37%)

AU/SWA (Australia): 5 Peak limitation ppm; 7.5 Peak limitation mg/m3 TWA inhalation;

**Appropriate engineering controls**

Use ventilation adequate to keep exposures (airborne levels of dust, fume, vapor, gas, etc.) below recommended exposure limits.

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

**Eye/face protection**

The use of a face shield, chemical goggles or safety glasses with side shield protection as appropriate. Must comply with Australian Standards AS 1337 and be selected and used in accordance with AS 1336.

**Skin protection**

Clean impervious clothing should be worn. Clothing for protection against chemicals should comply with AS 3765 Clothing for Protection Against Hazardous Chemicals.

Hand Protection: Ensure hand protection complies with AS 2161, Occupational protective gloves - Selection, use and maintenance.

**Body protection**

Footwear: Safety boots in industrial situations is advisory, foot protection should comply with AS 2210, Occupational protective footwear - Guide to selection, care and use.

Body Protection: Clean clothing or protective clothing should be worn, preferably with and apron. Clothing for protection against chemicals should comply with AS 3765 Clothing for Protection Against Hazardous Chemicals.

**Respiratory protection**

If engineering controls are not effective in controlling airborne exposure then an approved respirator with a replaceable vapor/ mist filter should be used. Refer to relevant regulations for further information concerning respiratory protective requirements. Reference should be made to Australian Standards AS/ NZS 1715, Selection, Use and Maintenance of Respiratory Protective Devices; and AS/NZS 1716, Respiratory Protective Devices, in order to make any necessary changes for individual circumstances.

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**SECTION 9: Physical and chemical properties**

**Basic physical and chemical properties**

Physical state	Liquid
Appearance	No data available.
Color	Yellow
Odor	No data available.
Odor threshold	No data available.
Melting point/freezing point	No data available.

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Boiling point or initial boiling point and boiling range  
Flammability  
Lower and upper explosion limit/flammability limit  
Flash point  
Explosive properties  
Auto-ignition temperature  
Decomposition temperature  
Oxidizing properties  
pH  
Kinematic viscosity  
Solubility  
Partition coefficient n-octanol/water (log value)  
Vapor pressure  
Evaporation rate  
Density and/or relative density  
Relative vapor density  
Particle characteristics

No data available.  
Not flammable  
No data available.  
No data available.  
No data available.  
No data available.  
No data available.  
No data available.  
<2  
No data available.  
Solubility in Water: Soluble in water  
No data available.  
No data available.  
No data available.  
Approx 1  
No data available.  
No data available.

#### Supplemental information regarding physical hazard classes

No data available.

#### Further safety characteristics (supplemental)

No data available.

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## SECTION 10: Stability and reactivity

### Reactivity

Stable under normal conditions of storage and handling.

### Chemical stability

Stable under recommended storage conditions.

### Possibility of hazardous reactions

Will corrode metals. Will produce toxic gases on contact with cyanides, sulphides etc.

Hazardous Polymerization: Will not occur.

### Conditions to avoid

Avoid storing in direct sunlight and avoid extremes of temperature.

### Incompatible materials

Strong oxidisers.

### Hazardous decomposition products

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

Ingestion: Ingestion of material may cause irritation to the mouth, throat and stomach.

Inhalation: Symptoms may include burning sensation, irritation, coughing, wheezing, laryngitis, shortness of breath, headache, nausea, and vomiting.

**Skin corrosion/irritation**

May be irritating to skin. The symptoms may include redness, itching and swelling.

**Serious eye damage/irritation**

Causes serious eye irritation. On eye contact this product will cause tearing, stinging, blurred vision, and redness.

**Respiratory or skin sensitization**

Not classified based on available information.

**Germ cell mutagenicity**

Germ cell mutagenicity: Not classified based on available information.

Mutagenicity: Not classified based on available information.

**Carcinogenicity**

Not classified based on available information.

**Reproductive toxicity**

Not classified based on available information.

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

Not classified based on available information.

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

Not classified based on available information.

**Aspiration hazard**

Not classified based on available information.

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## **SECTION 12: Ecological information**

**Toxicity**

Do not allow to enter waters, waste water, or soil!

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## **SECTION 13: Disposal considerations**

**Disposal methods**

**Product disposal**

Waste material must be disposed of in accordance with the national and local regulations. Leave chemicals in original containers.

**Other disposal recommendations**

Do not discharge this material into waterways, drains and sewers.

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## **SECTION 14: Transport information**

**ADG (Road and Rail)**

Not dangerous goods

**IMDG**

Not dangerous goods

**IATA**

Not dangerous goods

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## **SECTION 15: Regulatory information**

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

**Australia SUSMP**

Poison Schedule: NS

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## **SECTION 16: Other information**

### **Further information/disclaimer**

ChemSupply Australia Pty Ltd does not warrant that this product is suitable for any use or purpose. The user must ascertain the suitability of the product before use or application intended purpose. Preliminary testing of the product before use or application is recommended. Any reliance or purported reliance upon ChemSupply Australia Pty Ltd with respect to any skill or judgement or advice in relation to the suitability of this product of any purpose is disclaimed. Except to the extent prohibited at law, any condition implied by any statute as to the merchantable quality of this product or fitness for any purpose is hereby excluded. This product is not sold by description. Where the provisions of Part V, Division 2 of the Trade Practices Act apply, the liability of ChemSupply Australia Pty Ltd is limited to the replacement of supply of equivalent goods or payment of the cost of replacing the goods or acquiring equivalent goods.

### **Preparation information**

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Standard for the Uniform Scheduling of Medicines and Poisons, Commonwealth of Australia

National Road Transport Commission, 'Australian Code for the Transport of Dangerous Goods by Road and Rail 7th. Ed.'

Safe Work Australia, 'National Code of Practice for the Preparation of Safety Data Sheets for Hazardous Chemicals', July 2020.

Safe Work Australia, 'National Guide for Classifying Hazardous Chemicals', July 2020.

Safe Work Australia, Workplace Exposure Standards for Airborne Contaminants, December 2019

Safe Work Australia, Hazardous Chemical Information System (HCIS), [hcis.safeworkaustralia.gov.au](https://hcis.safeworkaustralia.gov.au)

IATA, Dangerous Goods Regulations (DGR)

IMO, International Maritime Dangerous Goods Code (IMDG)