



## HURST SCIENTIFIC

### Safety Data Sheet Aniline Blue in Acetic Acid

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#### SECTION 1: Identification

##### GHS Product identifier

Product name	Aniline Blue in Acetic Acid
Product number Brand	ABA1-100M, 500ML 1L, 2.5L, 5L Hurstchem

**Recommended use of the chemical and restrictions on use**  
Laboratory Reagent

##### Supplier's details

Name	Hurst Scientific
Address	2 Transit Place 6112 Forrestdale WA Australia
Telephone	1300 778 068
email	sales@hurstscientific.com.au

##### Emergency phone number

Australian Emergency Services: 000 (24 hours)  
Australian Poisons Information Centre: 131 126 (24 hours)

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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).

##### Classification of the substance or mixture

##### GHS classification in accordance with: UN GHS revision 8

- Skin corrosion/irritation, Cat. 2
- Eye damage/irritation, Cat. 2

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

##### Pictograms



# Safety Data Sheet

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	1. Exclamation mark
<b>Signal word</b>	<b>Warning</b>
<b>Hazard statement(s)</b>	
H315	Causes skin irritation
H319	Causes serious eye irritation
<b>Precautionary statement(s)</b>	
P260	Do not breathe dust/fume/gas/mist/vapors/spray.
P264	Wash ... thoroughly after handling.
P280	Wear protective gloves/protective clothing/eye protection/face protection/hearing protection/ ...
P302+P352	IF ON SKIN: Wash with plenty of water/...
P332+P317	If skin irritation occurs: Get medical help.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P403+P233	Store in a well-ventilated place. Keep container tightly closed.
P501	Dispose of contents/container to ...

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## SECTION 3: Composition/information on ingredients

### Mixtures

### Hazardous components

#### 1. Aniline Blue

Concentration < 3 %  
CAS no. 28631-66-5

#### 2. Acetic acid

Concentration < 3 %  
CAS no. 64-19-7

#### 3. Water

Concentration Balance  
CAS no. 7732-18-5

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## SECTION 4: First-aid measures

### Description of necessary first-aid measures

If inhaled	Evacuate to fresh air immediately. If irritation develops seek medical attention. If breathing stops apply artificial respiration.
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. Rinse with water and seek immediate medical attention.

Personal protective equipment for first-aid responders  
Treat symptomatically.

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**SECTION 5: Fire-fighting measures**

**Suitable extinguishing media**

Use media suitable for other material involved in fire.

**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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**SECTION 6: Accidental release measures**

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

Wear appropriate protective clothing. Ensure adequate ventilation. If possible contain the spill.

**Methods and materials for containment and cleaning up**

Absorb with vermiculite or other inert material and place into a suitably labelled container. Dispose of waste according to local authority guidelines. Do not contaminate drains or waterways.

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**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.

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

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

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

**Appropriate engineering controls**

National exposure standards Acetic acid (glacial):

[TWA] 10ppm, 25mg/m<sup>3</sup>

[STEL] 15ppm, 37mg/m<sup>3</sup>

Biological Limit Values Not available for this product.

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

**Eye/face protection**

Safety glasses or chemical safety goggles.

**Skin protection**

Chemical resistant gloves and laboratory coat.

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**SECTION 9: Physical and chemical properties**

**Basic physical and chemical properties**

Physical state	Liquid
Appearance	Blue liquid
Odor	Vinegar - Like
Odor threshold	Not available
Melting point/freezing point	Not available
Boiling point or initial boiling point and boiling range	100°C
Flammability	Non-flammable
Lower and upper explosion limit/flammmability limit	Not applicable
pH	Not available
Solubility	Soluble
Density and/or relative density	Approx. 1

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**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 not expected to occur.

**Conditions to avoid**

Temperature extremes and direct sunlight.

**Incompatible materials**

Strong oxidisers, metals and strong bases.

**Hazardous decomposition products**

Toxic gases may evolve.

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**SECTION 11: Toxicological information**

**Information on toxicological effects**

**Acute toxicity**

Eye Contact: May cause irritation, redness, lacrimation and pain.

Skin Contact: May cause irritation, redness and itching.

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

Ingestion: Can cause irritation and discomfort resulting in nausea, vomiting, abdominal pain and diarrhoea.

**Skin corrosion/irritation**

No data available.

**Serious eye damage/irritation**

No data available.

**Respiratory or skin sensitization**

No data available.

**Germ cell mutagenicity**

No data available.

**Carcinogenicity**

No classification by IARC.

**Reproductive toxicity**

No data available.

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

No data available.

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

No data available.

**Aspiration hazard**

No data available.

**Additional information**

TOXICITY DATA: No data available.

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**SECTION 12: Ecological information**

**Toxicity**

Prevent contamination of drains and waterways.

**Persistence and degradability**

Not available.

**Bioaccumulative potential**

Not expected to bio-accumulate.

**Mobility in soil**

Not available.

**Other adverse effects**

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

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**SECTION 13: Disposal considerations**

**Disposal methods**

**Product disposal**

Dispose of in accordance with local authority guidelines.

**Other disposal recommendations**

Nil

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**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

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**SECTION 15: Regulatory information**

**Chemical Safety Assessment**

- Poison Schedule: Not scheduled.
- 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.
- STEL (Short Term Exposure Limit): The average airborne concentration over a 15-minute period which should not be exceeded at any time during a normal eight-hour workday.

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**SECTION 16: Other 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).

**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. Point of Care Diagnostics Pty Ltd makes no claims of the accuracy or completeness of the information and excludes all liability for

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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**

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