

# SAFETY DATA SHEET

## SDS STAT Aqua Hematoxylin, (nuclear counterstain)

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### 1. PRODUCT AND COMPANY IDENTIFICATION

#### 1.1 Product identifiers

Product name: **AQUA Hematoxylin, (nuclear counterstain)**

Product number: NB305; NB305A

Brand: **Innovex**

Manufacturer: Innovex Biosciences Inc.

#### 1.2 Relevant Identified uses of the substance or mixture and uses advised against

Identified uses: Use in laboratories - Professional.

#### 1.3 Details of the supplier of the safety data sheet

Company name: Innovex Biosciences Inc.  
1099 Essex Ave.  
Richmond CA 94801  
USA

Telephone: 1 800-622-7808

Fax: 510-234-4591

#### 1.4 Emergency telephone number

Emergency Tel: 510-234-6600

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### 2. HAZARDS IDENTIFICATION

#### 2.1 Classification of the substance or mixture

Not a hazardous substance or mixture.

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

Not a hazardous substance or mixture.

No hazard pictogram, no signal word, no hazard statement (s), no precautionary statement(s) required.

**2.3 Hazards not otherwise classified (HNOC) or not covered by GHS - none****3. COMPOSITION/ INFORMATION ON INGREDIENTS****Mixture**

<b>Chemical Name</b>	<b>CAS#</b>	<b>Concentration %</b>
Water	7732-18-5	>50%
Hematoxylin	517-28-2	<5%
Aluminum ammonium bis(sulphate)	7784-26-1	<5%
Glacial Acetic Acid	64-19-7	<5%

**4. FIRST AID MEASURES****4.1 Description of first aid measures****Skin contact**

Wash immediately with plenty of soap and water.

**Eye contact**

Flush eyes with running water for 15 minutes; Remove contact lenses.

**Ingestion**

Rinse mouth with water; Never give anything by mouth to an unconscious person. Consult doctor if feeling unwell.

**Inhalation**

If breathed in, move person into fresh air.

**4.2 Most important symptoms and effects, both acute and delayed****Skin contact**

There may be mild irritation at the site of contact.

**Eye contact**

There may be irritation and redness.

**Ingestion**

There may be irritation of the throat.

**Inhalation**

No symptoms.

**Delayed / immediate effects**

No data available.

- 4.3. Indication of any immediate medical attention and special treatment needed**  
Not data available.

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## **5. FIRE-FIGHTING MEASURES**

- 5.1 Extinguishing media**  
Suitable extinguishing media for the surrounding fire should be used.  
For this substance/mixture no limitations of extinguishing agents are given.
- 5.2 Special hazards arising from the substance or mixture**  
In combustion emits toxic fumes.
- 5.3 Advice for fire-fighters**  
Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

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## **6. ACCIDENTAL RELEASE MEASURES**

- 6.1 Personal precautions, protective equipment and emergency procedures**  
Avoid breathing vapors, mist or gas.  
Turn leaking containers leak-side up to prevent the escape of liquid.  
For personal protection see section 8.
- 6.2 Environmental precautions**  
Do not discharge into drains or rivers. Contain the spillage using bonding.
- 6.3 Methods and materials for containment and cleaning up**  
  
**Clean-up procedures**  
Collect, bind, and pump off spills Absorb into dry earth or sand. Transfer to a closeable, labeled salvage container for disposal by an appropriate method. Clean up affected area.
- 6.4 Reference to other sections**  
See section 8 and section 13 of SDS.

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## **7. HANDLING AND STORAGE**

- 7.1 Precautions for safe handling**  
Avoid direct contact with the substance.  
For precautions see section 2.2.
- 7.2 Conditions for safe storage, including any incompatibilities**  
Keep container tightly closed, light sensitive.  
Recommended storage temperature: Store at room temperature at 16-22°C.
- 7.3 Specific end use(s)**  
Use in laboratories - Professional.

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## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### 8.1 Control parameters

#### Exposure limit

Contains no substances with occupational exposure limit values.

### 8.2 Exposure controls

#### Engineering measures

General industrial hygiene practice. Change contaminated clothing. Wash hands after working with substance. Ensure engineering measures mentioned in section 7 of SDS are in place.

#### Personal protection equipment

##### Respiratory Protection

Respiratory protection is not required.

##### Eye protection

Safety glasses. Ensure eye flushing at hand.

##### Skin protection

Protective clothing.

##### Hand protection

Handle with protective gloves.

##### Environmental

Prevent from entering the immediate environment. Do not let product enter drains.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

**State:** Liquid

**Color:** Purple

**Odor:** No data available

**pH:** 2.9

**Evaporation Rate:** No data available

**Oxidizing Properties:** None

**Solubility in water:** Soluble

<b>Melting point/range °c:</b>	No data available
<b>Viscosity:</b>	No data available
<b>Boiling point/range °c:</b>	No data available
<b>Flammability (solid/gas):</b>	No data available
<b>Flammability (upper/lower) limit:</b>	No data available
<b>Flash point °c:</b>	No data available
<b>Auto-ignition temperature °c:</b>	Not applicable
<b>Relative density:</b>	No data available
<b>VOC g/l:</b>	No data available
<b>Partition coefficient: n-octanol/water:</b>	No data available
<b>Vapor pressure:</b>	No data available
<b>Explosive properties:</b>	Not classified as explosive.

**9.2 Other information:** No data available.

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## 10. STABILITY AND REACTIVITY

### 10.1 Reactivity

Stable under recommended transport or storage conditions.

### 10.2 Chemical stability

Stable under normal conditions. The product is chemically stable under ambient conditions (room temperature).

### 10.3 Possibility of hazardous reactions

Hazardous reactions will not occur under normal transport or storage conditions.

### 10.4 Conditions to avoid

Heat. Light. Air.

### 10.5 Incompatible Materials

No data available.

### 10.6 Hazardous decomposition products

In the event of fire: see section 5.

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## 11. TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

**Mixture**

**Acute toxicity**

Oral: No data available

Acute toxicity estimate Oral - 2,224 mg/kg (Calculation method)

**Toxicity value**

No data available.

**Symptoms / routes of exposure**

**Skin contact**

There may be mild irritation at the site of contact.

Dermal: No data available

Acute toxicity estimate Dermal - > 5,000 mg/kg (Calculation method)

**Eye contact**

There may be irritation and redness.

**Inhalation**

No data available

**Ingestion**

There may be irritation of the throat.

**Delayed / immediate effects**

No data available.

**Germ cell mutagenicity**

No data available

**Carcinogenicity**

IARC: 2A - Group 2A: Probably carcinogenic to humans (chloral, monohydrate)

NTP: No ingredient of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.

**Reproductive toxicity**

No data available

**Specific target organ toxicity - single exposure**

No data available

**Specific target organ toxicity - repeated exposure**

No data available

**Aspiration hazard**

No data available

**Other information:**

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

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## 12. ECOLOGICAL INFORMATION

### 12.1 Toxicity

**Mixture**

No data available.

### 12.2 Persistence and degradability

Biodegradable.

### 12.3 Bioaccumulative potential

No bioaccumulation potential.

### 12.4 Mobility in soil

Readily absorbed into soil.

### 12.5 Results of PBT and vPvB assessment

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted.

**PBT identifications**

This product is not identified as a PBT/vPvB substance.

### 12.6 Other adverse effects

No data available.

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## 13. DISPOSAL CONSIDERATIONS

### 13.1 Waste treatment methods

**Disposal methods:** Transfer to a suitable container and arrange for collection by licensed disposal company. Waste material must be disposed of in accordance with the national and local regulations. No mixing with other waste.

**Disposal of packaging:** Clean with water. Dispose of as normal industrial waste. The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

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## 14. TRANSPORT INFORMATION

**Transport Information:**

**DOT (US)**

Not dangerous goods

**IATA**

Not dangerous goods

**IMDG**

Not dangerous goods.

**Further information**

Not classified as dangerous in the meaning of transport regulations.

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**15. REGULATORY INFORMATION**

**CERCLA Reportable Quantity**

This material does not contain any components with CERCLA RQ.

**SARA 302 Components**

SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

**SARA 313 Components**

SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

**SARA 311/312 Hazards**

Acute Health Hazard  
Chronic Health Hazard

**Clean Air Act**

This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B). This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 112 (40 CFR 61). This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F). This product does not contain any chemicals listed under the U.S. Clean Air Act Section 111 SOCM I Intermediate or Final VOC's (40 CFR 60.489).

**Clean Water Act**

This product does not contain any Hazardous Substances listed under the U.S. Clean Water Act, Section 311, Table 116.4A. This product does not contain any Hazardous Chemicals listed under the U.S. Clean Water Act, Section 311, Table 117.3. This product does not contain any toxic pollutants listed under the U.S. Clean Water Act Section 307 This product does not contain any priority pollutants related to the U.S. Clean Water Act

## US State Regulations

### Massachusetts Right To Know Components

Water CAS-No.  
7732-18-5

### Maine Chemicals of High Concern

Water CAS-No.  
7732-18-5

### New Jersey Right To Know Components

Water CAS-No.  
7732-18-5

### Pennsylvania Right To Know Components

Water CAS-No.  
7732-18-5

### Vermont Chemicals of High Concern

Water CAS-No.  
7732-18-5

### Washington Chemicals of High Concern

Water CAS-No.  
7732-18-5

## California Prop. 65 Components

This product does not contain any chemicals known to the State of California to cause cancer, birth defects, or any other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

## TSCA list

No substances are subject to a Significant New Use Rule. No substances are subject to TSCA 12(b) export notification requirements.

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## 16. OTHER INFORMATION

### Legal disclaimer:

The above information is believed to be correct but does not purport to be all-inclusive and shall only be used as a guide. Innovex Biosciences, Inc. shall not be held liable for any damage resulting from contact or from handling the above product. Users should make their own investigations to determine the suitability of the information for their specific purposes.