



**Material Safety Data Sheet**  
**Disodium bathocuproine, 0.1% APHA**

**Section 1 - Chemical Product and Company Identification**

**MSDS Name:**

Disodium bathocuproine, 0.1% APHA

**Catalog Numbers:**

LC13685

**Synonyms:**

**Company Identification:**

LabChem, Inc.  
200 William Pitt Way  
Pittsburgh, PA 15238

**Company Phone Number:**

(412) 826-5230

**Emergency Phone Number:**

(800) 424-9300

**CHEMTREC Phone Number:**

(800) 424-9300

**Section 2 - Composition, Information on Ingredients**

CAS#	Chemical Name:	Percent
7732-18-5	Water	balance
52698-84-7	Disodium bathocuproine	0.1

**Section 3 - Hazards Identification**

**EMERGENCY OVERVIEW**

*Appearance: colorless*

*Expected to be non-hazardous.*

*Target Organs: none known.*

**Potential Health Effects**

**Eye:**

Non-irritating to the eyes.

**Skin:**

Non-irritating to the skin.

**Ingestion:**

No hazard is expected during normal use.



**Material Safety Data Sheet**  
**Disodium bathocuproine, 0.1% APHA**

**Inhalation:**

No hazard expected during normal use.

**Chronic:**

No information found.

**Section 4 - First Aid Measures**

**Eyes:**

If irritation develops, get medical aid.

**Skin:**

Get medical aid if irritation develops or persists.

**Ingestion:**

Do NOT induce vomiting. Get medical aid.

**Inhalation:**

No specific treatment is necessary since this material is not likely to be hazardous by inhalation.

**Notes to Physician:**

Treat symptomatically and supportively.

**Section 5 - Fire Fighting Measures**

**General Information:**

Negligible fire and explosion hazard when exposed to heat or flame.

**Extinguishing Media:**

For small fires, use dry chemical, carbon dioxide, water spray or alcohol-resistant foam.

**Autoignition Temperature:**

No information found.

**Flash Point:**

No information found.

**NFPA Rating:**

CAS# 7732-18-5: Not published.

CAS# 52698-84-7: Not published.

**Explosion Limits:**

Lower:      Upper:

**Section 6 - Accidental Release Measures**

**General Information:**

Use proper personal protective equipment as indicated in Section 8.

**Spills/Leaks:**

Absorb spill using an absorbent, non-combustible material such as earth, sand, diatomaceous earth, vermiculite, or other suitable absorbent.



**Material Safety Data Sheet**  
**Disodium bathocuproine, 0.1% APHA**

**Section 7 - Handling and Storage**

**Handling:**

Wash thoroughly after handling.

**Storage:**

Store capped at room temperature.

**Section 8 - Exposure Controls, Personal Protection**

**Engineering Controls:**

Good general ventilation should be sufficient to control airborne levels.

**Exposure Limits**

<b>Chemical Name:</b>	<b>ACGIH</b>	<b>NIOSH</b>	<b>OSHA</b>
Water	None of the components are on this list.	None of the components are on this list.	None of the components are on this list.
Disodium bathocuproine	None of the components are on this list.	None of the components are on this list.	None of the components are on this list.

**OSHA Vacated PELs**

**Personal Protective Equipment**

**Eyes:**

Wear safety glasses and chemical goggles if splashing is possible. Provide an eye-wash fountain in the immediate work area. Do not wear contact lenses when working with chemicals. Do not wear contact lenses when working with chemicals.

**Skin:**

Wear impervious gloves.

**Clothing:**

Protective coveralls are recommended.

**Respirators:**

Not required for normal use.

**Section 9 - Physical and Chemical Properties**

**Physical State:** Clear liquid

**Color:** colorless

**Odor:** odorless

**pH:** neutral

**Vapor Pressure:** No information found.

**Vapor Density:** No information found.

**Evaporation Rate:** No information found.

**Viscosity:** No information found.

**Boiling Point:** 100°C ( 212.00°F)

**Freezing/Melting Point:** 0°C ( 32.00°F)



## Material Safety Data Sheet

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**Decomposition Temperature:** No information found.

**Solubility in water:** Soluble.

**Specific Gravity/Density:** 1.0

**Molecular Formula:** No information found.

**Molecular Weight:** No information found.

## Section 10 - Stability and Reactivity

### Chemical Stability:

Stable under normal temperatures and pressures.

### Conditions to Avoid:

Incompatible materials.

### Incompatibilities with Other Materials

Water reactive substances (e.g. sulfuric acid, sodium metal, potassium metal, calcium carbide).

### Hazardous Decomposition Products

No information found.

### Hazardous Polymerization

Has not been reported

## Section 11 - Toxicological Information

### RTECS:

CAS# 7732-18-5: ZC0110000.

CAS# 52698-84-7 unlisted.

### LD50/LC50:

CAS# 7732-18-5:

Oral, rat: LD50 = >90 mL/kg.

CAS# 52698-84-7:

No information found.

### Carcinogenicity:

CAS# 7732-18-5: Not listed as a carcinogen by ACGIH, IARC, NIOSH, NTP, OSHA, or CA Prop 65.

CAS# 52698-84-7: Not listed as a carcinogen by ACGIH, IARC, NIOSH, NTP, OSHA, or CA Prop 65.

### Epidemiology:

potassium chloride solutions of less than 1% have not been investigated for toxicity.

### Teratogenicity:

### Reproductive:

### Mutagenicity

### Neurotoxicity

## Section 12 - Ecological Information

No information found.



**Material Safety Data Sheet**  
**Disodium bathocuproine, 0.1% APHA**

**Section 13 - Disposal Considerations**

Dispose of in accordance with federal, state, and local regulations.

**Section 14 - Transport Information**

**US DOT**

**Shipping Name:** Not regulated.

**Hazard Class:**

**UN Number:**

**Packing Group:**

**Section 15 - Regulatory Information**

**US Federal**

**TSCA**

CAS# 7732-18-5 is listed on the TSCA Inventory.

CAS# 52698-84-7 is listed on the TSCA Inventory.

**SARA Reportable Quantities (RQ)**

None of the components are on this list.

**CERCLA/SARA Section 313**

None of the components are on this list.

**OSHA - Highly Hazardous**

None of the components are on this list.

**US State**

**State Right to Know**

**California Regulations**

**European/International Regulations**

**Canadian DSL/NDSL**

CAS# 7732-18-5 is listed on Canada's DSL List.

CAS# 52698-84-7 is listed on Canada's DSL List.

**Canada Ingredient Disclosure List**

CAS# 7732-18-5 is not listed on Canada's Ingredient Disclosure List.

CAS# 52698-84-7 is not listed on Canada's Ingredient Disclosure List.

**Section 16 - Other Information**

MSDS Creation Date: November 17, 1998

Revision Date: March 13, 2004



**Material Safety Data Sheet**  
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