

### 1 Identification of product:

Trade name: Biotin Capping Kit  
Article number: 1-1100-060 Biotin Capping Kit  
Application of the product: Biochemical reagent for research

### Manufacturer/Supplier:

caprotec bioanalytics GmbH  
Volmerstrasse 5  
12489 Berlin  
Germany  
Phone: +49 (0) 30-6392 3990

### Informing department:

Phone: +49 (0) 30-6392 3990  
Fax: +49 (0) 30-6392 3989

### Emergency information:

Phone: +49 (0) 30-6392 3990

### 2 Hazards identification

Exposure may cause serious health effects if swallowed.  
May be an irritant; exposure may cause irritation to eyes, skin, mucous membranes, and upper respiratory tract.

### 3 Composition/information on ingredients

For specific information, please see datasheet.

### 4 First aid measures

Eyes and skin: Flush with large amounts of water for at least 15 minutes.  
Remove contaminated clothing and shoes and wash before wearing.  
Consult a physician if irritation persists.  
Inhalation: Remove from exposure and get fresh air immediately, monitor breathing.  
Ingestion: If swallowed, flush mouth with water. Get medical attention.

### 5 Fire fighting measures

Extinguishing media: Foam, CO<sub>2</sub>, water  
Unusual fire and explosion hazards: May emit toxic gases such as carbon dioxide upon thermal decomposition.  
Special fire-fighting procedures: Wear protective clothing to prevent contact with skin and eyes.

### 6 Accidental release measures

Person-related safety precautions: Cordon off area of spill; wear protective clothing and heavy rubber gloves.  
Measures for cleaning/collecting: Absorb solutions with finely-powdered liquid-binding material (diatomite, universal binders); decontaminate surfaces and equipment by scrubbing with alcohol; dispose of contaminated material according to Section 13.

**7 Exposure control/personal protective measures**

Do not pipette by mouth.

Do not eat, drink or smoke in areas where kit reagents are handled.

Chemical-resistant rubber gloves, chemical safety goggles and other protective clothing to prevent contact with eyes, skin and mucous membranes should be worn while handling kit reagents. Laboratory should be equipped with a safety shower and eye wash station.

**8 Handling and storage**

Store product at -20 °C to -18 °C. Individual components may be stored according to instruction on the vial label.

**9 Physical and chemical properties**

N/A

**10 Stability and reactivity**

Stable for 6 months under recommended storage conditions.

**11 Toxicological information (worldwide)**

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

Acute effects: May cause skin and eye irritation.  
May be harmful if absorbed through the skin.  
May cause irritations to mucous membranes of upper respiratory tract.  
May be harmful if swallowed.

Chronic effects: Have not been thoroughly investigated.

**Toxicological information (EU)**

R: 21/22; 36/37/38

S: 2; 3; 20/21; 24/25; 27/28; 36/37; 45, 51, 64

Caution: Substance not yet fully tested (EU).

**12 Ecological information:**

N/A. Treat as potentially toxic if released to the environment.

**13 Disposal considerations****Product**

Observe all federal, state and local environmental regulations.

As specific country, federal, state and local environment regulations are varied and change frequently, we recommend that you contact your local department for health services for information on the correct disposal of this product or a licensed professional waste disposal service to dispose of this material.

**Contaminated packaging**

Dispose of as unused product.

**14 Transport information**

Product should be transported at 4-8 °C.

**15 Regulatory information**

For research use only. Not for diagnostic procedures, not approved by US FDA or any other regulatory authority.

**CAUTION – For research use only. Not for use in diagnostic procedures.**



# Material Safety Data Sheet

## Biotin Capping Kit

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### 16 Other information:

The above information is believed to be correct to the best of our current knowledge. caprotec bioanalytics GmbH does not guarantee this to be all-inclusive and shall not be held liable for any damages resulting from handling of or contact with the above product. All materials and mixtures may present unknown hazards and should be used with caution. See purchase order, packing slip, package insert and invoice for additional terms and conditions of sale.

**CAUTION – For research use only. Not for use in diagnostic procedures.**