

**Material Safety Data Sheet**

according to ANSI Z400.1-2004

**CuATSM**

Print date: 27.09.2012

Product code: 1457

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**SECTION 1: Identification of the substance/mixture and of the company/undertaking****Product identifier**

CuATSM

**Further trade names**

Copper, [[2,2'-  
(1,2-dimethyl-1,2-ethanediylidene)bis[N-methylhydrazinecarbothioamidato-kappaN2,kappaS]](2-)-,  
(SP-4-2)-

**Synonyms:**

Copper, [[2,2'-(1,2-dimethyl-1,2-ethanediylidene)bis[N-methylhydrazinecarbothioamidato]](2-)-  
-N2,N2',S,S']-, (SP-4-2)-Hydrazinecarbothioamide, 2,2'-  
(1,2-dimethyl-1,2-ethanediylidene)bis[N-methyl-, copper complex

**Chemical characterization ( substance )**

Copper, [[2,2'-  
(1,2-dimethyl-1,2-ethanediylidene)bis[N-methylhydrazinecarbothioamidato-kappaN2,kappaS]](2-)-,  
(SP-4-2)-

CAS No: 68341-09-3

**Details of the supplier of the safety data sheet**

|                 |                                           |                              |
|-----------------|-------------------------------------------|------------------------------|
| Company name:   | ABX advanced biochemical compounds        |                              |
|                 | Biomedizinische Forschungsreagenzien GmbH |                              |
| Street:         | Heinrich-Gläserstraße 10-14               |                              |
| Place:          | D-01454 Radeberg                          |                              |
| Telephone:      | +49 3528 4041 60                          | Telefax: +49 3528 4041 65    |
| e-mail:         | info@abx.de                               |                              |
| Contact person: | Dr. Jan Mollitor                          | Telephone: +49 3528 4041 718 |
| e-mail:         | mollitor@abx.de                           |                              |
| Internet:       | http://www.abx.de                         |                              |

**Emergency telephone:** +49 3528 4041 60**SECTION 2: Hazards identification****Route(s) of Entry****Signs and Symptoms of Exposure**

Carcinogenicity (NTP):  
Carcinogenicity (IARC):  
Carcinogenicity (OSHA):

**SECTION 3: Composition/information on ingredients****Substances**

Sum formula: C8H14CuN6S2  
Molecular weight: 321.92

**SECTION 4: First aid measures****Description of first aid measures**

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### SECTION 5: Firefighting measures

#### Extinguishing media

### SECTION 6: Accidental release measures

### SECTION 7: Handling and storage

#### Precautions for safe handling

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

Further information on storage conditions

2  
8

### SECTION 8: Exposure controls/personal protection

#### Control parameters

#### Exposure controls

### SECTION 9: Physical and chemical properties

#### Information on basic physical and chemical properties

Physical state: fest

Color:

Test method

Changes in the physical state

### SECTION 10: Stability and reactivity

Stability: Stable

Possibility of Hazardous Reactions: Will not occur

### SECTION 11: Toxicological information

#### Information on toxicological effects

### SECTION 12: Ecological information

### SECTION 13: Disposal considerations

#### Waste treatment methods

### SECTION 14: Transport information

### SECTION 15: Regulatory information

#### U.S. Regulations

### SECTION 16: Other information

Hazardous Materials Information Label (HMIS)

Health: 0

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Flammability: 1  
Physical Hazard: 0  
Personal Protection: C

**NFPA Hazard Ratings**

Health: 0  
Flammability: 1  
Reactivity: 0  
Unique Hazard:

