

**Material Safety Data Sheet**

according to ANSI Z400.1-2004

**NOTA-NOC acetate**

Print date: 24.07.2012

Product code: 9765

Page 1 of 4

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

NOTA-NOC acetate

**Further trade names**

L-Cysteinamide, N-[[4,7-bis(carboxymethyl)-1,4,7-triazonan-1-yl]acetyl]-D-phenylalanyl-Lcysteinyl-3-(1-naphthalenyl)- L-alanyl-D-tryptophyl-L-lysyl-Lthreonyl-N-[(1R,2R)-2-hydroxy-1-(hydroxymethyl)propyl]-, cyclic (2??)-disulfide

Synonyms:

NOTA-NOC acetate

**Chemical characterization ( substance )**

L-Cysteinamide, N-[[4,7-bis(carboxymethyl)-1,4,7-triazonan-1-yl]acetyl]-D-phenylalanyl-Lcysteinyl-3-(1-naphthalenyl)- L-alanyl-D-tryptophyl-L-lysyl-Lthreonyl-N-[(1R,2R)-2-hydroxy-1-(hydroxymethyl)propyl]-, cyclic (2??)-disulfide

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

|                 |   |            |                   |
|-----------------|---|------------|-------------------|
| Company name:   | ABX advanced biochemical compounds        |            |                   |
|                 | Biomedizinische Forschungsreagenzien GmbH |            |                   |
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| 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**

Toxicological data are not available.

**Signs and Symptoms of Exposure**

|                         |                                       |
|-------------------------|---------------------------------------|
| Carcinogenicity (NTP):  | Toxicological data are not available. |
| Carcinogenicity (IARC): | Toxicological data are not available. |
| Carcinogenicity (OSHA): | Toxicological data are not available. |

**Other hazards**

Warning - substance not yet tested completely.

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

|                   |                            |
|-------------------|----------------------------|
| Sum formula:      | C65H87N13O15S2 · x CH3CO2H |
| Molecular weight: | 1354,6 (net peptide)       |

**Material Safety Data Sheet**

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**NOTA-NOC acetate**

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Page 2 of 4

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

Provide fresh air.

**After contact with skin**

After contact with skin, wash immediately with: Water. Change contaminated clothing.

**After contact with eyes**

Rinse immediately carefully and thoroughly with eye-bath or water.

**After ingestion**

If swallowed, immediately drink: Water. Immediately get medical attention.

**SECTION 5: Firefighting measures****Extinguishing media****Suitable extinguishing media**Extinguishing materials should be selected according to the surrounding area. Suitable extinguishing media: Foam. Extinguishing powder. Carbon dioxide (CO<sub>2</sub>). Atomized water.**Advice for firefighters**

In case of fire: Wear self-contained breathing apparatus.

**Additional information**

Contaminated fire-fighting water must be collected separately. Do not empty into drains or the aquatic environment.

**SECTION 6: Accidental release measures****Environmental precautions**

Do not empty into drains or the aquatic environment.

**Methods and material for containment and cleaning up**

Collect mechanically. Treat the assimilated material according to the section on waste disposal.

**SECTION 7: Handling and storage****Precautions for safe handling****Advice on safe handling**

Do not breathe dust. Conditions to avoid: skin contact. Eye contact. Wear personal protection equipment. Do not eat, drink, smoke or sneeze at the workplace.

**Conditions for safe storage, including any incompatibilities****Requirements for storage rooms and vessels**

Keep container dry. Keep container tightly closed.

**Further information on storage conditions**

Recommended storage temperature:

of °C: -25

up to °C: -15

Protect against: Light.

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

**Material Safety Data Sheet**

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**NOTA-NOC acetate**

Print date: 24.07.2012

Product code: 9765

Page 3 of 4

**Exposure controls****Occupational exposure controls**

In case of open handling equipment with built-in suction must be used. Do not breathe dust.

**Protective and hygiene measures**

Change contaminated clothing. Wash hands before breaks and at the end of work. When using do not eat or drink.

**SECTION 9: Physical and chemical properties****Information on basic physical and chemical properties**

|        |           |
|--------|-----------|
| Form:  | fest      |
| Color: | off-white |

**Test method****Changes in the physical state****SECTION 10: Stability and reactivity**

|                                     |                |
|-------------------------------------|----------------|
| Stability:                          | Stable         |
| Possibility of Hazardous Reactions: | Will not occur |

**Conditions to avoid**

Light.

**Hazardous decomposition products**Carbon dioxide. Carbon monoxide. Nitrogen oxides (NO<sub>x</sub>). sulfur oxides.**SECTION 11: Toxicological information****Information on toxicological effects****Further information**

Toxicological data are not available.

**SECTION 12: Ecological information****Further information**

Do not empty into drains or the aquatic environment. The classification was undertaken in accordance with the calculation method governed by the Preparations Directive (1999/45/EC).

**SECTION 13: Disposal considerations****Waste treatment methods****Advice on disposal**

Do not empty into drains or the aquatic environment. Waste disposal according to official state regulations.

**Contaminated packaging**

Cleaned containers may be recycled.

**SECTION 14: Transport information****US DOT 49 CFR 172.101****Proper shipping name**

Not a hazardous material with respect to transportation regulations.

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Page 4 of 4

**Other applicable information**

Not a hazardous material with respect to these transportation regulations.

**SECTION 15: Regulatory information****U.S. Regulations****SECTION 16: Other information****Hazardous Materials Information Label (HMIS)**

|                      |   |
|----------------------|---|
| Health:              | 1 |
| Flammability:        | 1 |
| Physical Hazard:     | 1 |
| Personal Protection: | C |