

**Material Safety Data Sheet**

according to ANSI Z400.1-2004

**(+)-Norverapamil**

Print date: 30.09.2011

Product code: 5610

Page 1 of 2

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

(+) -Norverapamil

**Further trade names**

Benzeneacetonitrile, alpha-[3-[[2-(3,4-dimethoxyphenyl)-ethyl]amino]propyl]-3,4-dimethoxy-alpha-(1-methylethyl)-, (alphaR)-

**Synonyms:**

(alphaR)-alpha-[3-[[2-(3,4-Dimethoxyphenyl)ethyl]amino]propyl]-3,4-dimethoxy-alpha-(1-methylethyl)-benzeneacetonitrile; (+)-Norverapamil; R-Norverapamil

**Chemical characterization ( substance )**

Benzeneacetonitrile, alpha-[3-[[2-(3,4-dimethoxyphenyl)-ethyl]amino]propyl]-3,4-dimethoxy-alpha-(1-methylethyl)-, (alphaR)-

CAS No.: 123932-43-4

**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 61  |
| 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: C<sub>26</sub>H<sub>36</sub>N<sub>2</sub>O<sub>4</sub>

Molecular weight: 440.58

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

**Material Safety Data Sheet**

according to ANSI Z400.1-2004

**(+)-Norverapamil**

Print date: 30.09.2011

Product code: 5610

Page 2 of 2

**SECTION 5: Firefighting measures**Extinguishing media**SECTION 6: Accidental release measures****SECTION 7: Handling and storage**Precautions for safe handlingConditions for safe storage, including any incompatibilities

Further information on storage conditions

-25

-15

**SECTION 8: Exposure controls/personal protection**Control parametersExposure controls**SECTION 9: Physical and chemical properties**Information on basic physical and chemical properties

Form:

Color:

Test method

Changes in the physical state

**SECTION 10: Stability and reactivity**

Stability:

Possibility of Hazardous Reactions:

**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**