

Material Safety Data Sheet

according to ANSI Z400.1-2004

Fluoromisonidazole

Print date: 13.01.2012

Product code: 1410

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

Product identifier

Fluoromisonidazole

Further trade names

1H-Imidazole-1-ethanol, alpha-(fluoromethyl)-2-nitro-

Synonyms:

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1-Fluoro-3-(2-nitro-imidazol-1-yl)-propan-2-ol; FMISO

Chemical characterization (substance)

CAS No.: 13551-89-8

Details of the supplier of the safety data sheet

Company name:	ABX advanced biochemical compounds	
	Biomedizinische Forschungsreagenzien GmbH	
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Place:	D-01454 Radeberg	
Telephone:	+49 3528 4041 60	Telefax: +49 3528 4041 61
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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: C6H8FN3O3

Molecular weight: 189.14

Hazardous components

CAS No.	Components	Quantity
13551-89-8	Fluoromisonidazole	95 - 100 %

SECTION 4: First aid measures

Description of first aid measures

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SECTION 5: Firefighting measuresExtinguishing 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

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

Form:

Color:

Test method**Changes in the physical state**

Melting point:

137 - 141 °C

SECTION 10: Stability and reactivity

Stability:

Possibility of Hazardous Reactions:

SECTION 11: Toxicological informationInformation 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

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SECTION 16: Other information