

Material Safety Data Sheet

according to ANSI Z400.1-2004

Fluoroethyl-Carfentanil hydrochloride

Print date: 22.04.2013

Product code: 2421

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

Fluoroethyl-Carfentanil hydrochloride

Further trade names

4-Piperidinecarboxylic acid, 4-[(1-oxopropyl)phenylamino]-1-(2-phenylethyl)-, 2-fluoroethyl ester, hydrochloride (1:1)

Synonyms:

2-Fluoroethylcarfentanil, hydrochloride salt

Chemical characterization (substance)

4-Piperidinecarboxylic acid, 4-[(1-oxopropyl)phenylamino]-1-(2-phenylethyl)-, 2-fluoroethyl ester, hydrochloride (1:1)

CAS No: 1007840-96-1

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: C₂₅H₃₁FN₂O₃ x HCl

Molecular weight: 462.98

Hazardous components

CAS No	Components	Quantity
1007840-96-1	Fluoroethyl-Carfentanil Hydrochloride	95 - 100 %

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

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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

Physical state:

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 informationInformation on toxicological effects

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Acute toxicity

CAS No	Components				
	Exposure routes	Method	Dose	Species	Source
1007840-96-1	Fluoroethyl-Carfentanil Hydrochloride				
	oral	ATE	0,5 mg/kg		
	dermal	ATE	5 mg/kg		
	inhalative vapour	ATE	0,05 mg/l		
	inhalative aerosol	ATE	0,005 mg/l		

SECTION 12: Ecological information

SECTION 13: Disposal considerations

Waste treatment methods

SECTION 14: Transport information

US DOT 49 CFR 172.101

ID Number: 2811
Proper shipping name: Toxic solid, organic, N.O.S. (Fluoroethyl-Carfentanil hydrochloride)
Hazard Class or Division: 6.1
Packing group: I
 Label: 6.1

Marine transport (IMDG)

UN number: 2811
UN proper shipping name: Toxic solid, organic, N.O.S. (Fluoroethyl-Carfentanil hydrochloride)
Transport hazard class(es): 6.1
Packing group: I
 Hazard label: 6.1

Air transport (ICAO)

UN number: 2811
UN proper shipping name: Toxic solid, organic, N.O.S. (Fluoroethyl-Carfentanil hydrochloride)
Transport hazard class(es): 6.1
Packing group: I
 Hazard label: 6.1

SECTION 15: Regulatory information

U.S. Regulations

SECTION 16: Other information

Hazardous Materials Information Label (HMIS)

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Health: 4
Flammability: 1
Physical Hazard: 1
Personal Protection: F

NFPA Hazard Ratings

Health: 4
Flammability: 1
Reactivity: 1
Unique Hazard:

