

Material Safety Data Sheet

according to ANSI Z400.1-2004

Desmethycarfentanil acid

Print date: 22.04.2013

Product code: 2390

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

Desmethycarfentanil acid

Further trade names

4-Piperidinecarboxylic acid, 4-[(1-oxopropyl)phenylamino]-1-(2-phenylethyl)-

Synonyms:

Desmethyl-Caf; desmethyl-CFN

Chemical characterization (substance)

4-Piperidinecarboxylic acid, 4-[(1-oxopropyl)phenylamino]-1-(2-phenylethyl)-

CAS No: 186022-53-7

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

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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: C₂₃H₂₈N₂O₃

Molecular weight: 380.48

Hazardous components

CAS No	Components	Quantity
186022-53-7	Desmethycarfentanil acid	95 - 100 %

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

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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:

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

Acute toxicity

CAS No	Components				
	Exposure routes	Method	Dose	Species	Source
186022-53-7	Desmethylocarfentanil acid				
	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

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SECTION 13: Disposal considerations

Waste treatment methods

SECTION 14: Transport information

US DOT 49 CFR 172.101

<u>ID Number:</u>	2811
<u>Proper shipping name</u>	Toxic solid, organic, N.O.S. (Desmethylocarfentanil acid)
<u>Hazard Class or Division:</u>	6.1
<u>Packing group:</u>	I
Label:	6.1

Marine transport (IMDG)

<u>UN number:</u>	2811
<u>UN proper shipping name:</u>	Toxic solid, organic, N.O.S. (Desmethylocarfentanil acid)
<u>Transport hazard class(es):</u>	6.1
<u>Packing group:</u>	I
Hazard label:	6.1

Air transport (ICAO)

<u>UN number:</u>	2811
<u>UN proper shipping name:</u>	Toxic solid, organic, N.O.S. (Desmethylocarfentanil acid)
<u>Transport hazard class(es):</u>	6.1
<u>Packing group:</u>	I
Hazard label:	6.1

SECTION 15: Regulatory information

U.S. Regulations

SECTION 16: Other information

Hazardous Materials Information Label (HMIS)

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

NFPA Hazard Ratings

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

