

Material Safety Data Sheet

according to ANSI Z400.1-2004

FDG

Print date: 05.01.2012

Product code: 1100

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

FDG

Further trade names

D-Glucopyranose, 2-deoxy-2-fluoro-

Synonyms: 2-Deoxy-2-fluoro-D-glucose; 2-Deoxy-fluoro-glucose; FDG

Chemical characterization (substance)

CAS No.: 86783-82-6

Details of the supplier of the safety data sheet

Company name: ABX advanced biochemical compounds
Biomedizinische Forschungsreagenzien GmbH

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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: C₆H₁₁FO₅

Molecular weight: 182.15

Hazardous components

CAS No.	Components	Quantity
86783-82-6	2-Fluoro-2-deoxy-D-glucose	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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-25

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:

168 - 175 °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