

**Material Safety Data Sheet**

according to ANSI Z400.1-2004

**CIDG**

Print date: 05.01.2012

Product code: 1110

Page 1 of 3

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

CIDG

**Further trade names**

D-glucose, 2-chloro-2-deoxy-

Synonyms: 2-chloro-2-deoxy-D-glucose; 2-Chloro-DG; CIDG; 2-CIDG

**Chemical characterization ( substance )**

CAS No.: 14685-79-1

**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: C<sub>6</sub>H<sub>11</sub>ClO<sub>5</sub>

Molecular weight: 198.6

**Hazardous components**

| CAS No.    | Components                 | Quantity   |
|------------|----------------------------|------------|
| 14685-79-1 | 2-Chloro-2-deoxy-D-glucose | 95 - 100 % |

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

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Page 2 of 3

**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**

Melting point:

130 - 140 °C

**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

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Page 3 of 3

**SECTION 16: Other information**