Material Safety Data Sheet  
according to ANSI Z400.1-2004

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
Street: Heinrich-Gläserstraße 10-14
Place: D-01454 Radeberg
Telephone: +49 3528 4041 60  
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E-mail: mollitor@abx.de
Internet: http://www.abx.de

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: C6H11ClO5
Molecular weight: 198.6

Hazardous components
<table>
<thead>
<tr>
<th>CAS No.</th>
<th>Components</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>14685-79-1</td>
<td>2-Chloro-2-deoxy-D-glucose</td>
<td>95 - 100%</td>
</tr>
</tbody>
</table>

SECTION 4: First aid measures

Description of first aid measures
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

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
Material Safety Data Sheet
according to ANSI Z400.1-2004

SECTION 16: Other information