Product Data Sheet

Sodium Glucoheptonate

Product Code: NA-GLUH-02

**Formula:** C\(_7\)H\(_{13}\)O\(_8\)Na

**CAS No.:** 31138-65-5

**EC No.:** N/A

**MDL:** MFCDO0013425

**Chemical Identifiers**

<table>
<thead>
<tr>
<th>Linear Formula</th>
<th>C(<em>7)H(</em>{13})O(_8)Na</th>
</tr>
</thead>
<tbody>
<tr>
<td>MDL Number</td>
<td>MFCDO0013425</td>
</tr>
<tr>
<td>EC No.</td>
<td>N/A</td>
</tr>
<tr>
<td>Pubchem CID</td>
<td>23664054</td>
</tr>
</tbody>
</table>

**IUPAC Name:** sodium; (2R,3R,4S,5R,6R)-2,3,4,5,6,7-hexahydroxyheptanoate

**SMILES:** C(C(C(C(C(C(C(=O)[O-])O)O)O)O)O)[Na+]  

**InchI Identifier:** InChI=1S/C7H14O8.Na/c8-1-2(9)3(10)4(11)5(12)6(13)7(14)15/h2-6,8-13H,1H2,(H,14,15)/q+1p-1;/t2-,3-,4+,5-,6-/m1/a1

**InchI Key:** FMYOMWCQJXWGEN-WYRLRVFGSA-M

**Total Metal Impurities:** Variable or N/A

**Packaging Specifications**

Typical bulk packaging includes palletized plastic 5 gallon/25 kg. pails, fiber and steel drums to 1 ton super sacks in full container (FCL) or truck load (T/L) quantities. Research and sample quantities and hygroscopic, oxidizing or other air sensitive materials may be packaged under argon or vacuum. Shipping documentation includes a Certificate of Analysis and Safety Data Sheet (SDS). Solutions are packaged in polypropylene, plastic or glass jars up to palletized 440 gallon liquid totes, and 36,000 lb. tanker trucks.

**Documentation**

A Certificate of Analysis and Materials Safety Data Sheet (SDS) in accordance with EN 10204 are supplied with every shipment.