

Product Information

Sodium Gluconate

Product Description:

Sodium gluconate is a white or yellow crystalline powder. It is stable over a wide variety of temperatures, compatible with oxidizers and has an exceptionally low sulfate concentration.

Applications:

Sodium gluconate is used as an admixture in cement as a set extender (retarding agent), resulting in increased cement workability and strength. It can be used as a corrosion & scale inhibitor in oil & gas well drilling fluids. It can be used as a metalworking fluid additive to inhibit rust and as an industrial cleaner for metal and glass surfaces. Sodium gluconate can be formulated and used to replace common chelating agents such as EDTA, citric acid, NTA and THPS.

Chemical Formula:

$C_6H_{11}NaO_7$

CAS No. :

527-07-1

Specifications:

Parameters (units)	Specifications
Appearance	White or yellow crystalline powder
Sodium gluconate (%)	≥ 98.0
Loss on drying (%)	≤ 1.0
Heavy Metals (%)	≤ 0.002
Lead (%)	≤ 0.001
Chloride (%)	≤ 0.07
Sulfate (%)	≤ 0.05
Arsenic (%)	≤ 0.0003
Reducing substances (%)	≤ 0.5

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Packaging:

Material is available in 25 kg bags, 250 kg bags and 1 MT super sacks. Further packaging options may be available upon enquiry.

Storage:

Product should be stored in a dry place away from direct sunlight in sealed, original packaging.

Safety:

For further safety information refer to product SDS available from your Bisley International contact.

Disclaimer: This document is for information purposes only. Customers are responsible for testing and confirming the suitability of this product in their application. To the extent permitted by law, no warranty as to merchantability or fitness of purpose, expressed or implied, is made.

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