

SODIUM GLUCONATE

SET RETARDER ADDITIVE

Product Definition

SODIUM GLUCONATE is the gluconic acid sodium salt used for water reduction and set retarding additive, especially in construction chemicals.

Technical Properties

Color, Appearance	White, powder
pH value	6,00 – 8,00
Solid Matter (%)	≥98
Water solubility	Soluble

Advantages

- It is an effective setting retarder for concrete, cement and plaster.
- It extends the setting time of concrete / mortar in a controlled way.
- It has a good plasticizer and water reducing feature.

Area of Use

- Concrete and cement additives
- Cement and gypsum based mortars
- Detergent industry, textile industry and metal processing

Consumption Dosage

The optimum dosage of **SODIUM GLUCONATE** should be determined by testing with your own materials in the laboratory, taking into account the expected mechanical properties and fluidity of the concrete / mortar. High usage can cause a socket problem in concrete.

Packing

- 25 kg kraft bag

Storage and Shelf Life

It should be stored at temperatures between +5°C and +35°C. Under proper storing conditions, the product's shelf life is 12 months from production date if kept in original packaging unopened and undamaged.

Safety Measures

Use protective clothes, gloves, glasses, and mask compatible with Health and Safety regulations during the application. It should not contact skin and eyes. In case it contacts to skin and eyes, rinse it with water and if swallowed ask for medical help. Food and beverage should not be allowed in the application area. It should be stored at the reach out of the children. The Safety Data Sheet (SDS) should be read for detailed information.