



SC GUM

Natural & Biodegradable viscosifier

ADDITIVES FOR CIVIL ENGINEERING WORKS

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Description

SC GUM is a natural water soluble polymer that easily disperses into water to give highly viscous solutions .

SC GUM is recommended for all water related drilling works and more generally, whenever a biodegradable drilling fluid is required.

Applications

SC GUM is the product of choice for :

- Water well drilling, drainage works
- Piezometer placement, ground water level lowering
- Horizontal directional drilling (HDD), soil sampling
- Gelled SC FOAM system for shield tunnelling

Benefits

- Cost effective as small amount are required
- Can be used in brackish, salty and fresh water
- Fully compatible with SC polymers range and BENTONIL qualities.
- Easy dispersible product
- Fully compatible with conventional mud treatment systems (hydrocyclons, dewatering devices, mesh)
- Readily biodegradable
- Friendly to the environment

Physical Properties

- Appearance : Whitish powder
- Apparent density : 0.6 – 0.8
- pH of a 1% solution : 7 - 8
- Viscosity of a 1% solution : 3000 – 6000 mPa.s

Gelification of SC GUM based muds can be rapidly obtained by adapted reticulation: contact your SC technical representative

Guidelines for Use

Dosage range between 0.2 to 0.6% by volume of water depending on the ground conditions and the viscosity required.

Addition of an adapted biocide is required to enhance the use of SC GUM under hot temperatures and with untreated make up water qualities.

Degradation of SC GUM based muds can be obtained in few hours by adding industrial bleach.

A liquid version exists, SC GUM L, to ease the dosing for gelled SC FOAM system.

Contact your SC technical representative for further information.

Origin & Packaging

25 kg free film paper bags

Biocide can be added during the packing on demand

Storage

Keep the product in its original closed packaging above 0°C and no longer than 12 months.

Related Documents

MSDS & Application sheets available on demand.

Above mentioned information is given in good faith and by way of information at the time of printing. As the potential uses of our products are many and outside of our control, each user is responsible for asking us for information on planned application as we cannot be held liable on the basis of general information

Süd-Chemie Australia
ABN: 55 069 335 208
12 Peachtree Rd
Penrith NSW 2750

P: +61 2 47321421
F: +61 2 47321678
E: info.australia@sud-chemie.com
www.sud-chemie.com.au

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