

# Technical data sheet

## SC VIS LV P



### Description

SC VIS LV P is a technical grade sodium carboxymethylcellulose, a long chain organic colloid used in water based systems. SC VIS LV P is an efficient fluid loss reducer for all BENTONIL based muds.

### Applications

SC VIS LV P is the product of choice for:

- D-wall construction, bored pile
- Slurry shield and EPBS tunneling
- Pipe jacking and horizontal directional drilling (HDD)
- All types of drainage works
- Water well drilling, soil sampling

### Benefits

- Cost effective as small amount are required
- Easy to use product
- Reduce filtrate loss of BENTONIL based mud without modifying rheological profile.
- Improve stability of BENTONIL mud in contaminated ground conditions e.g. salts, gypsum...
- Drilling fluids formulated with SC VIS LV P are fully compatible with conventional separation equipment
- Biodegradable
- Friendly to the environment

### Physical properties

Appearance	Free flowing powder
Apparent density:	0.6 – 0.8 g/cm <sup>3</sup>
pH of 1% solution :	6.5 – 10.0

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## Guidelines for use

### ▪ **Fluid loss reducer additive**

Depending on the application and soil conditions, the dosage range is between 1 to 4 kg/m<sup>3</sup> of mud.

SC VIS LV P should be added in a pre-hydrated bentonite suspension.

Recommended mixing time on low speed is 5-10 minutes.

### **Colloid protector additive**

Dosage depends on concentration of contaminants and treatment mode i.e. preventive or curative.

Contact your Clariant technical representative for further information.

## Packaging

In 25 kg paper bags

## 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. Contact your CLARIANT technical representative for any further information or references.

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