

Calben®

Bentonite Microparticle

A finely milled non swelling calcium Bentonite clay pigment supplied as a free flowing powder.



Chemical:

Calcium-Magnesium Ferric Beidellite.

Typical chemical analysis (dry basis):

Silica (total)	40.0%
Aluminium Oxide	16.2%
Ferric Oxide	13.2%
Calcium Oxide	1.5%
Magnesium Oxide	2.8%
Sodium Oxide	0.1%
Phosphorus	0.1%
Sulphur	20mg/kg

Typical properties:

Fineness

• Residue 75µm sieve	0.7%
• Residue 53µm sieve	1.6%
pH value	7
Moisture (80°C), when packed	10%
Water absorption	27g/100g
Loose bulk density	0.76g/ml
Packed bulk density	0.92g/ml

Applications:

- Civil Engineering
- Agricultural – seed coating and fertilizer dusting
- Horticulture
- Pet litter
- Foundry
- Paper making
- Marine treatment
- Soil improver
- Composition Aid
- Stock feed additive – provides a green strength and processing aid.

Application and storage:

Recommended slurry concentrations:

- Slurry 0.25 - 4.5% max.

Recommended storage periods:

- Slurry 1 month
- Dry bentonite up to 5 years
- Storage of bentonite should be in a cool, dry place.

Production plant:

17-35 Bridge Street, Coalgate, Canterbury 7673, New Zealand.

Shipping & handling:

Calben is supplied in one tonne lots, palletized and shrink wrapped in either 1 tonne bulk or 25kg polypropylene bags.

In accordance with good industrial practice, handle with care and prevent contamination of the environment. Avoid dust formation and ignition sources. Dry bentonite spills should be swept or vacuumed. Bentonite slurry spills should be contained with an inert material and disposed of in a proper manner.

FOR INDUSTRIAL USE ONLY.

Health & safety:

This product has a low order of toxicity, and no special precautions are necessary in handling other than standard industrial protection. Detailed information on the product(s) described in this leaflet can be found in our relevant Health and Safety Information (Material Safety Data Sheet).

Registration:

Calben®.

Important:

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