

# Borresperse CA 45

## Product Description

Borresperse CA 45 is a modified calcium lignosulfonate derived from spruce (softwood).

Typical application: Plasticizer for cement and concrete.

CAS No. 8061-52-7 (Calcium lignosulfonate).

## Sales Specifications

|                    |           |              |
|--------------------|-----------|--------------|
| Dry matter %       | Min. 93.0 | Test Method  |
| pH (10% Solution)  | 4.3 ± 0.8 | BRGQMS-7-921 |
| Insolubles (v/v) % | Max. 0.8  | BRGQMS-7-919 |
|                    |           | BRGQMS-7-908 |

Only active customers are notified of specification changes.

## Typical Analytical Values\*

| Chemical Data   |       | Physical Data |                             |
|-----------------|-------|---------------|-----------------------------|
| Parameter       | Unit  | Parameter     |                             |
| Reducing sugars | 8 %   | Colour        | Brown                       |
| Chloride        | 0.1 % | Bulk density  | 550 – 630 kg/m <sup>3</sup> |
| Alkali content  | 2 %   |               |                             |

\*The above analyses are not formal specifications, and values may change.  
 All values calculated on solids where applicable.

## Storage Stability

Borresperse CA 45 is stable for at least 4 years when stored in original packaging under dry storage conditions.

## Compatibility

Lignosulfonates are compatible with anionic and non-ionic materials, dispersants, wetting agents and most organic and inorganic materials.

## Delivery form

Powder is packaged in 25 kg bags or 500, 600, 1000 and 1200 kg non-returnable bulk bags.

## Lead Time

Two weeks lead time is typical.

**Safety Data Sheets** are available upon request.

**Please contact your LignoTech Sales Representative for additional product information.**

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