

Borregaard AS

P.O BOX 162 NO-1701 Sarpsborg, Norway Tel. +47 69 11 80 00 Fax. +47 69 11 87 90 Borresperse NA Powder

Spec. No.: BRGQMS-7-527 ver 3.0 Revision Date: 26.02.2015

# Borresperse NA

## **Product Description**

Borresperse NA is based on sodium lignosulphonate derived from spruce wood sulphite liquor. Borresperse NA is a brown water-soluble powder.

Typical applications: Dispersants for dyestuff, agrochemicals, Industrial cleaners and water-treatment, plasticizer for concrete.

CAS No. 8061-51-6 (Sodium lignosulphonate).

This product is designed for use in the animal feed sector and is manufactured, stored, and transported in accordance with the quality assurance standard GMP+ B1

## **Sales Specifications**

Dry matter % Calcium % pH (10% Solution) Insolubles (w/w) % Na <sub>2</sub> SO <sub>4</sub> %	Min. 93.0 Max. 0.6 8.3 ± 0.8 Max. 0.3 Max. 5.0	Test Method BRGQMS-7-921 BRGQMS-7-2219 BRGQMS-7-919
Only active customers are notified of s		

## Typical Analysis\*

Chemical Data	Physical Data		
Parameter	Unit	Parameter	
Sodium	9 %	Colour	Brown
Sulphur	7 %		DIOWII
Reducing sugars	1 96		

<sup>\*</sup>The above analyses are not formal specifications and values may change.

#### Storage Stability:

Under dry conditions, powder products remain stable for several years.

#### Compatibility

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

#### Packaging:

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.

The information given here is based on our best knowledge and we believe it to be true and accurate. However, Borreguard LignoTech does not warrant or guarantee in any manner whatsoever, including the warranty of merchani-ability or fitness for the end user the accuracy of the information and procedures listed herein and will not be responsible for any damage resulting from their use.