

## Riteks LSC-RS

### Calcium Lignosulfonate Cementing Retarder

#### General Description

Riteks LSC-RS is a modified calcium lignosulfonate based product used primarily in oil well cementing applications to retard cement across a broad range of temperatures, extend pump times, and allow the cement to set at the desired location in the production string.

Riteks LSC-RS is effective as a low temperature retarder, exhibiting predictable retardation properties at temperatures below 94°C (200°F).

#### Compatibility

LSC-RS is compatible with anionic and non-ionic materials, dispersants, wetting agents and most organic and inorganic materials.

#### Sales Specifications

	Minimum	Maximum
pH	5.0	6.0
Moisture, %	3.0	8.0

#### Typical Analysis

Parameter	Unit
Sodium	0.5%
Calcium	5.5%
Sulfonate Sulfur	4.8%
Total Sulfur	6.0%
HPLC Sugars	9.5%

*\* The above analyses are not formal specifications and values may change*

#### Physical Properties

Color: Brown

Moisture: 8.0% maximum

Bulk Density: 40 lbs./ft<sup>3</sup>

Specific Gravity: 1.35

Absolute Volume: 0.0888

pH: 6

*Typical properties given do not constitute a supply specification*

#### Packaging/Storage

50 lb. net weight multi-wall kraft bags or non-returnable bulk bags.

#### Storage Stability

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

#### Health and Environmental Data

Before handling or using this product please refer to the Safety Data Sheet for complete health, safety and environmental information. Dispose of waste in accordance with local, state and federal regulations.

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