RHEOSPERSE™

TECHNICAL DATA SHEET

# RHEOSPERSE™ 3410

Dispersing agent for talcum

## TYPICAL CHARACTERISTICS

| | |
|---|---|
| Nature | **Polycarboxylate in aqueous solution** |
| Appearance | **Liquid** |
| Solid Content (%) | **42** |
| pH | **7.5** |
| Brookfield viscosity (mPa.s) | **500** |
| Specific gravity | **1.31** |

## DESCRIPTION

Rheosperse™ 3410 is a polyacrylate dispersant which is used to disperse inorganic materials in waterborne system. Its chemistry that uses an ionic repulsion mechanism to disperse minerals in water can be efficiently implemented in association with a non-ionic surfactant to produce talc slurry at high solids content.

## RECOMMENDED ADDITION LEVEL

0.2 to 0.6 % d/d

## STANDARD PACKAGING

Other packaging may be available upon request

- 1000L IBC

## HANDLING & STORAGE

The product should be protected from the effects of weathering and stored between 5 and 40°C. Once opened, packaging should be resealed immediately after use.
In these conditions, this product should be used within 12 months from delivery.

## HEALTH AND ENVIRONMENTAL DATA

For safe handling please refer to the Safety Data Sheet. For more information about health and environmental data, please contact us.

## MARKETS

**Mining & Metallurgy**
- Minerals
  - Talc

## KEY BENEFITS

| | |
|---|---|
| • Downstream market | Paper |
| • Granulometry | Coarse |
| • Suspension stability | < 6 months |
| • Type of use | Dispersion |

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