

GRINDING AIDS

Master Format #: 00 00 00

EUCEM™ CGA 2 SPR

HIGH PERFORMANCE GRINDING AID



EUCLID CHEMICAL

PRODUCT INFORMATION

PACKAGING

Available in 55 gal (208 L) drums, 264 gal (1000 L) totes, and bulk

SHELF LIFE

12 months

SPECIFICATIONS/COMPLIANCES

ASTM C465

TECHNICAL INFORMATION

Actives Content: 89.0 – 91.0.0%

Odor: characteristic

DESCRIPTION

EUCEM CGA 2 SPR is a polyethanolamine acetate and glycol blend based cement additive that can significantly lower grinding-aid consumption, by over 40% as compare to conventional grinding-aid.

PRODUCT CHARACTERISTICS

FEATURES & BENEFITS

- It can lower specific mill power consumption due to its superior grinding efficiency.
- It provides a cost benefit to the customer by lowering the actual cost per ton of cement due the significant reduction in dosage rates.
- The particle size distribution of the ground cementis improved, resulting in a more thorough hydration.
- Mill production is increase up to 15% depending on the equipment and the characteristics of the material to be ground.
- The mechanical strengths of cements are maintained or increased at all ages.
- Bulk density is increased.
- Powder flow characteristics are improved before, during and after storage.
- Pack set tendencies and coating are reduced.
- The risk of false set is reduced due to the lower grinding temperatures.

PRODUCT SPECIFICATION

% Solids (ASTM C494)	Specific Gravity @ 77°F (25 °C) (ASTM D1298)	pH per Electrode @ 77°F (25 °C)
84.0 - 88.0	1.140 - 1.170	8.0 - 11.5

DIRECTIONS FOR USE

DOSAGE

The dosage range is from 0.40 lb per short ton (0.2 kg per metric ton) to 0.9 lb per short ton (0.45 kg per metric ton) of cement (active ingredients basis). Industrial trials are required to determine the optimum dosage. Dosages levels in excess of 2.0 lb per short ton (1.0 kg per metric ton) can cause dust emissions and should be avoided.

PROCEDURE

EUCEM CGA 2 SPR may be introduced directly into the mill or onto the feed conveyor belt. A dosing pump is required to introduce the correct dosage into the mix. Our field technicians are ready to provide advice and assistance in the use of EUCEM CGA 2 SPR.

PRECAUTIONS/LIMITATIONS

- Store EUCEM CGA 2 SPR at temperatures above 32°F (0°C). If the product freezes, its properties can be recovered after thawing and agitating thoroughly.
- Do not store the product at temperatures above 100 °F (38°C) for long periods.
- Refer to Safety Data Sheet for additional information.

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