

GRINDING AIDS

Master Format #: 00 00 00

EUCEM™ CGA 10 BL

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: 71.0 – 73.0%

Odor: characteristic

DESCRIPTION

EUCEM CGA 10 BL is a glycol modified polyethanolamine acetate blend which has been specifically designed to improve the grinding of Portland cement. Depending on cement and plant characteristics, EUCEM CGA 10 BL is also very effective in improving cement flow characteristics and preventing pack set.

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 cement is improved, resulting in a more thorough hydration.
- Mill production is increased 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)
70.0 - 74.0	1.090 - 1.150	7.0 - 10.0

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 10 BL 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 10 BL.

PRECAUTIONS/LIMITATIONS

- Store EUCEM CGA 10 BL 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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