



CHEM TECHNOLOGIES, LTD.

Beyond the obvious from innovation to application

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CTB(MGO)-65

Magnesium Oxide Bead Dispersion

Product Description:

CTB(MGO)-65 is a 65% active bead form dispersion of high purity, technical grade magnesium oxide. The binder is based on hydrotreated naphthenic oil although alternate binder systems are available upon request. This product form is designed to offer the following advantages:

- The bead form is easier to handle than dusty powders and is free-flowing
- Disperses easily and quickly
- Provides better dispersion of the active ingredient throughout the batch
- Reduces loss associated with dusty powders
- Can be preweighed in batch inclusive bags to specific customer weights
- Can be customized with alternate binder system oils

Active Ingredient:

Magnesium Oxide

Typical Properties:

CAS #'s

Magnesium Oxide 65 ± 1% 1309-48-4

Specific Gravity 1.78

Appearance:

Form: Beady Powder

Color: Beige / Tan (Light)

Odor: Slight Characteristic Odor

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Application / Recommendations:

CTB(MGO)-65 should be evaluated as a direct replacement for magnesium oxide powder on an active ingredient basis. A reduction in the active ingredient requirement should be considered as a result of easier and faster incorporation and reduced waste. Magnesium oxide is an acid acceptor/scavenger, curing agent, and stabilizer in applications that require high reactivity and surface area. It is widely used in polychloroprene (CR) and other halogenated elastomer compounds. The grade of magnesium oxide used in this dispersion is used in conditions where very fast reaction rates and maximum surface area are required.

Packaging:

Standard packaging is fifty (50) pounds per cardboard box. Other packaging options are available upon request.

Handling and storage:

Magnesium oxide will react with water to generate heat. When handling the powder form, mechanical eye irritation and mild skin irritation are possible. Chronic overexposure may lead to upper respiratory irritation. Chronic overexposure to mineral dusts may contribute to the development of industrial bronchitis. This bead form product reduces the dust potential and increases the particle size of the powder material, thereby making the product safer to use than the powder.

CTB(MGO)-65 must be stored in a cool, dry place. Maintain regular stock rotational practices. Partially used containers should be kept closed to minimize exposure and avoid contamination. Avoid physical contact. Wash with soap and water thoroughly after handling. If contacted in the eye, flush with water for 15 minutes and consult a physician. Please refer to the MSDS for additional information.

For Additional Information:

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