



CHEM TECHNOLOGIES, LTD.

Beyond the obvious from innovation to application

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CTB(ZNO)-85

Zinc Oxide Bead Dispersion

Product Description:

CTB(ZNO)-85 is a 85% active bead form dispersion of zinc 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:

Zinc Oxide	Surface area:	Target 5.0 m ² /g	Range 4.5 – 5.5 m ² /g
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Typical Properties:

		CAS #'s
Zinc Oxide	85 ± 1%	1314-13-2
Specific Gravity	3.18	

Appearance:

Form: Beady Powder

Color: Beige / Off-White

Odor: Slight Characteristic Odor

Application / Recommendations:

CTB(ZNO)-85 should be evaluated as a direct replacement for zinc 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. Zinc Oxide is used to activate the accelerator for curing of rubber, strengthening and reinforcing rubber, providing ultraviolet-ray protection, and enhancing the thermal and electrical properties.

Packaging:

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

Handling and storage:

Zinc oxide is an eye, skin, and respiratory irritant. Chronic exposure to heated dust or fumes may cause Metal Fume Fever. The 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(ZNO)-85 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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