



CHEM TECHNOLOGIES, LTD.

Beyond the obvious from innovation to application

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CTB(ZDMC)-75

Zinc Dimethyldithiocarbamate Bead Dispersion

Product Description:

CTB(ZDMC)-75 is a 75% active bead form dispersion of zinc dimethyldithiocarbamate (ZDMC). The binder is based on hydrotreated naphthenic oil. 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 dimethyldithiocarbamate

Typical Properties:

CAS #'s

ZDMC	75 ± 1%	137-30-4
Specific Gravity	1.40	

Appearance:

Form Beady Powder

Color Beige / Tan (Light)

Odor: Slight Characteristic Odor

Application / Recommendations:

CTB(ZDMC)-75 should be evaluated as a direct replacement for ZDMC 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.

ZDMC is a very fast primary or secondary (ultra) accelerator for natural and synthetic rubber. It is also a very rapid accelerator for latex. It is a secondary ultra accelerator for thiazole and sulfenamide cure systems for general-purpose polymers (NR, SBR, IIR, EPDM).

Regulated for Use under the following sections of 21 CFR: 177.2600 Rubber Articles Intended for Repeated Use in Food Contact. 175.105 Components of Adhesives. 178.3120 Animal Glue.

Packaging:

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

Handling and storage:

ZDMC powder may be fatal if inhaled. This material is irritating to skin, eyes and respiratory tract. May cause alcohol intolerance. The bead form reduces the dust potential and increases the particle size thereby making ZDMC safer to work with. *CTB(ZDMC)-75* 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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