



CHEM TECHNOLOGIES, LTD.

Beyond the obvious from innovation to application

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CTB(MBT)-75

2-Mercaptobenzothiazole Bead Dispersion

Product Description:

CTB(MBT)-75 is a 75% active bead form dispersion of 2-Mercaptobenzothiazole (MBT). 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:

2-Mercaptobenzothiazole

Typical Properties:

CAS #'s

MBT	75 ± 1%	149-30-4
Specific Gravity	1.31	

Appearance:

Form: Beady Powder

Color: Beige

Odor: Slight Characteristic Odor

Application / Recommendations:

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

MBT is a primary accelerator for NR and synthetic rubber and is non-staining and non-discoloring. FDA status: 175.105 – Adhesives – No Limitations, 177.2600 – Rubber Articles Intended for Repeated Use – Limitation – 1.5% Max.

Packaging:

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

Handling and storage:

MBT may cause allergic skin reaction/skin sensitization and slight eye irritation. NTP reports some evidence of carcinogenicity in animals for 2-mercatobenzothiazole. The bead form reduces the dust potential and associated hazards. **CTB(MBT)-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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