



CHEM TECHNOLOGIES, LTD.

Beyond the obvious from innovation to application

14875 Bonner Drive Middlefield, OH 44062
Phone: 440-632-9311 Fax: 440-632-9578

CTB(MBTS)-75

2,2'-Dibenzothiazolyl Disulfide Bead Dispersion

Product Description:

CTB(MBTS)-75 is a 75% active bead form dispersion of 2,2'-dibenzothiazolyl disulfide (MBTS). 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:

2,2'-dibenzothiazolyl disulfide

Typical Properties:

CAS #'s

MBTS 75 ± 1% 120-78-5

Specific Gravity 1.32

Appearance:

Form: Beady Powder

Color: Beige

Odor: Slight Characteristic Odor

The confidential information, data and formulations contained in this document are the property of Chem Technologies, Ltd. No guarantee as to the suitability or performance of the data contained in this presentation is made beyond the information contained herein.

Application / Recommendations:

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

MBTS is used for NR and synthetic rubber acceleration. It is a primary accelerator and scorch-modifying secondary accelerator in NR and SBR copolymers and is non-staining and non-discoloring. It is also used as a retarder-plasticizer in Neoprene G type; cure modifier in W types. FDA Status on MBTS: 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:

MBTS may cause allergic skin reaction. May cause irritation to the eyes, skin and upper respiratory tract. The bead form reduces the dust potential and associated hazards. **CTB(MBTS)-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:

Chem Technologies, Ltd.
14875 Bonner Drive, Middlefield, OH 44062
Phone: 440-632-9311 Fax: 440-632-9578
Email: email@chemtechnologiesltd.com