



# **CHEM TECHNOLOGIES, LTD.**

**Beyond the obvious from innovation to application**

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## **CTB(DPTU)-75**

### ***Diphenyl Thiourea Bead Dispersion***

#### ***Product Description:***

**CTB(DPTU)-75** is a 75% active bead form dispersion of diphenyl thiourea (DPTU). 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:***

Diphenyl thiourea

#### ***Typical Properties:***

#### ***CAS #'s***

DPTU	75 ± 1%	102-08-9
Specific Gravity	1.18	

#### ***Appearance:***

Form: Beady Powder

Color: Beige

Odor: Slight Characteristic Odor

***Application / Recommendations:***

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

DPTU is used as a primary or secondary accelerator. It is a slow accelerator for dry rubber and latex. Used in medical goods and tires. Provides good heat aging.

***Packaging:***

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

***Handling and storage:***

DPTU powder may cause eye, skin, respiratory tract irritation as well as possible skin sensitization and dermatitis. The bead form reduces the dust potential and associated hazards. CTB(DPTU)-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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