



CHEM TECHNOLOGIES, LTD.

Beyond the obvious from innovation to application

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CTB(DETU)-75

N,N'-Diethylthiourea Bead Dispersion

Product Description:

CTB(DETU)-75 is a 75% active bead form dispersion of N,N'-diethylthiourea (DETU). 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:

N,N'-diethylthiourea

Typical Properties:

CAS #'s

DETU	75 ± 1%	105-55-5
Specific Gravity	1.09	

Appearance:

Form: Beady Powder
Color: Off-White
Odor: Slight Characteristic Odor

Application / Recommendations:

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

DETU is an accelerator used in CR, EPDM and chlorobutyl in applications such as fast initial set up, continuous cured sponge, LCM extrusions and hot air cures. Suggested usage is 0.5 to 1.0% on polymer. In CR systems, this accelerator is noted for its ability to impart very low compression set valves.

Packaging:

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

Handling and storage:

DETU powder causes eye irritation and may cause skin irritation and sensitization. It is toxic by

Ingestion and may be harmful if inhaled or absorbed through skin. Hot vapors from mixtures containing this product can cause severe irritation to the eyes. The bead form reduces the dust potential and associated hazards. *CTB(DETU)-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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