



CHEM TECHNOLOGIES, LTD.

Beyond the obvious from innovation to application

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CTB(TDEC)-75

Tellurium Diethyldithiocarbamate Bead Dispersion

Product Description:

CTB(TDEC)-75 is a 75% active bead form dispersion of Tellurium Diethyldithiocarbamate (TDEC). 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:

Tellurium Diethyldithiocarbamate

Typical Properties:

CAS #'s

TDEC	75 ± 1%	20941-65-5
Specific Gravity	1.33	

Appearance:

Form: Bead

Color: Yellow

Odor: Characteristic Odor

Application / Recommendations:

CTB(TDEC)-75 should be evaluated as a direct replacement for TDEC 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. TDEC is used in NR, SBR, NBR, EPDM and is generally used with thiazole modifiers. Produces high modulus vulcanization. TDEC is particularly active in IIR compounds.

Packaging:

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

Handling and storage:

TDEC powder may be harmful if inhaled. May cause eye irritation. Overexposure may cause garlic odor of breath and sweat. The bead form reduces the dust potential. *CTB(TDEC)-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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