



# Americas International

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## Technical Data Sheet

Product name: DTDM,  
CAS NO.: 103-34-4 Chemical Name: Morpholine disulfide  
Other names: 4,4'-dithio dimorpholine, NN-dithiobis(morpholine)  
Empirical Formula: C<sub>8</sub>H<sub>16</sub>N<sub>2</sub>O<sub>2</sub>S<sub>2</sub>  
Molecular Weight:: 236.27

Physical Form: Grayish-white powder or granular

### Chemical Specifications:

IMP (DEG C) min 120 (ASTM D1519)

Ash (%) 0.5 max (ASTM D4574) D

Drying loss (%) max: 0.5% max (ASTM D4571)

Sieve residue (100mesh): 0.1% max

Sieve residue (250mehs): 0.5% max (for super fine powder)

Oil content for powder: 1-2%

DTDM is regulated for use in articles in contact with food as specified under FDA 21 CFR177.2600, 175.105 and under BgVV XXI, Category 4

**Packaging and Storage:** Packed in fiber paper bag / plastic bags – 20kgs net. The products should be stored and transported on pallets in dry, cool and covered places and vehicles. Storage life in undamaged original packaging is 1 year from production date under the observation of storage conditions.