



## DATA-SHEET

SPECIFICATION & DATA SHEET		Chemical Analysis:	
Product Code:	MSHQD -VA033-00 PT	Chemical Name:	4,4' dithiodimorpholine
Trade Name:	Rubber Vulcanization Agent DTDM	CAS No.	103-34-4
Molecular Formula:	C <sub>8</sub> H <sub>16</sub> N <sub>2</sub> O <sub>2</sub> S <sub>2</sub>	Molecular Weight:	236.37

## Product Information:

\*\*\***Specification**

Appearance (visual inspection):	White powder	Assay Content % Min	94.0
Initial M.P. Min:	119.0	Loss on drying (%)	0.5
Ash content (%)	0.3	Density at 25 (g/cm <sup>3</sup> )	1.360
Residue on (150μm)% sieve	0.10		

\*\*\***Typical Properties**

White acicular crystal powder. The density is 1.32-1.38 g/cm<sup>3</sup>. Soluble in benzene, CCl<sub>4</sub>, partly soluble in acetone, gasoline, insoluble in alcohol, diethyl ether, water. Decomposing meeting acid or alkali. Stabilization storage in room temperature. No poison but with high smemll of fish. Sensitive to skin and peogaster.

\*\*\***Recommended Applications**

Sulfur donor-vulcanizing agent for efficient vulcanization and semiefficient vulcanization cure system. Provide heat/reversion/aging resistance in NR and Synthetic rubber, Non-blooming. Excellent storage safety. Lower cure rates used alone. Light cure speed when used other sort of accelerators.

\*\*\***Handling and Storage recommendations**

The product should be stored in the dry and cooling place with good ventilation and should be avoiding hot and sunshine. 6 months with the common storing condition. Recommend use of date is within 3 months.

\*\*\***Package**

Bag: 25kg/bag	Pallet(1.1*1.1) : 600kg/P
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