



**DATA-SHEET**

SPECIFICATION & DATA SHEET		Chemical Analysis:	
Product Code:	MSHQD-AC010-00 GT	Chemical Name:	Tetramethyl thiuram monosulfide
Trade Name:	Rubber Accelerator TMTM(TS)	CAS No.	97-74-5
Molecular Formula	C <sub>6</sub> H <sub>12</sub> N <sub>2</sub> S <sub>3</sub>	Molecular Weight:	208.40
Revision number	02	Date	01/12/2009

Product Information:

**\*\*\*Specification**

Appearance (visual inspection):	Yellow granule	Assay Content % :	95
Initial M.P.	100	Loss on drying % :	0.50
Ash content %	0.50	Compacted bulk density (kg/m <sup>3</sup> ):	500-540
Strength of grain(N)	0.8-2.5	Bulk density (kg/m <sup>3</sup> ):	400-440
Density at 20 (g/cm <sup>3</sup> )	1.40		

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

Yellow granule. The specific density is 1.37-1.40. it has no osmyl and no taste. Soluble in Benzene, Acetone, C<sub>2</sub>H<sub>4</sub>Cl<sub>2</sub>, CS<sub>2</sub>, toluene, partly soluble in alcohol, diethyl ether, insoluble in water and gasoline.

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

TMTM can be used as a booster for thiazoles and guanidines in general purpose elastomers.it is distingusihes by very good processing safety in comparison with other thiurams, high curing activity and absolutely no discoloration.it is frequently used together with sulfenamides in camelback compounds giving rapid cure in combination with good green stock storage stability. And it is an excellent accelerator fir the vulcanization of polychloroprene.

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

StoreTMTM in a cool, dry, well-ventilated area, avoiding exposure of the packaged product to direct sunlight. Usually the shelf time is 12 months while the recommend use of date is 6 months.

**\*\*\*Package**

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