



**DATA-SHEET**

SPECIFICATION & DATA SHEET		Chemical Analysis:	
Product Code:	MSHQD-AC009-00 OT	Chemical Name:	Tetraethyl Thiuram Disulfide
Trade Name:	Rubber Accelerator TETD (DTET)	CAS No.:	97-77-8
Molecular Formula	C <sub>10</sub> H <sub>20</sub> N <sub>2</sub> S <sub>4</sub>	Molecular Weight:	296.50
Revision number	02	Date	01/12/2009

**Product Information:**

**\*\*\*Specification**

Appearance (visual inspection):	Light yellow powder	Loss on drying % :	0.30
Initial M.P. :	64	Oil Content %	1.0-2.0
Ash content % :	0.40	Compacted bulk density (kg/m <sup>3</sup> ):	385-440
Residues(150µm) %	0.10	Bulk density (kg/m <sup>3</sup> ):	340-380
Density at 25 (g/cm <sup>3</sup> )	1.310		

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

Light yellow powder. The density is 1.29- 1.31. Soluble in Chloroform, Benzene, Acetone, CS<sub>2</sub>, partly soluble in alcohol, diethyl ether, CS<sub>2</sub>, insoluble in water, gasoline, acid / alkali with lower concentration. Meeting hot water becomes to diethyl ammonium and CS<sub>2</sub>. Be sensitive to skin and poetasters.

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

Fastcuring primary or secondary accelerator for NR, SBR, IIR and EPDM. Closely resembles TMTD in its applications. Less scorch, excellent dispersion in soft polymers. Blooming and good processing safety. Can be used in CR as an anti-scorching agent, in sulfur-modified poluchloroprenes as peptizing agent. The efficiency sulfur content is 11%. Also used as raw material for germicide, pesticide and medicine.

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

Store TETD 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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