



DATA-SHEET

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

Product Information:

*****Specification**

| | | | |
|-------------------------------------|---------------|--|---------|
| Appearance (visual inspection): | Yellow powder | Loss on drying % : | 0.50 |
| Initial M.P. | 100 | Compacted bulk density (kg/cm ³) | 500-540 |
| Ash content % : | 0.50 | Bulk density (kg/cm ³) | 400-440 |
| Residues(150µm) % : | 0.50 | Oil Content% | 1.0-2.0 |
| Density at 20 (kg/cm ³) | 1400 | | |

*****Typical Properties**

Yellow powder. The specific density is 1.37-1.40.it has no osmyl and no taste. Soluble in Benzene, Acetone, C₂H₄Cl₂, CS₂, toluene, party soluble in alcohol, diethyl ether, insoluble in water, 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 |
|---------------|---------------------------|