

**TECHNICAL DATA SHEET**

Product Name : Mercure TBzTD		Spec. Ref. No. : TDS 14		
Chemical Name/ Chemical Composition : Tetrabenzyl thiuram disulphide		Date of Issue : 01.06.2015		
CAS Reg. No : 10591-85-2		Issue No. : 5		
Physical Appearance : Pale yellow powder		Rev. No. : 0		
Product Specifications				
Characteristics	Unit	Limits		Test Method
		LSL*	USL**	
Melting point Initial Final	°C	126.0 130.0	--	ASTMD 1519A
Loss on drying (70 ⁰ C / 2 hrs)	%	--	0.50	ASTMD 4571
Ash Content (760 ⁰ C / 2 hrs)	%	--	0.50	ASTMD 4574
Fineness through 100 mesh	%	99.90	--	ASTM D 5461
Assay	%	95.0	--	MERCHEM QWI 136
Periodic Audit Test***				
Oil content	%	1.0	2.0	MERCHEM QWI 07
Specific gravity @ Room Temperature	--	1.35	1.45	ASTMD 1817
Bulk Density	Kg/m ³	300	450	MERCHEM QWI 118
Product Information				
Solubility	Soluble Benzene ,Carbon disulphide and organic liquids; insoluble in water .			
Classification	Accelerator.			
Discoloration and staining	Non discoloring and non staining.			
Regulatory Approval Status	Not regulated for use in articles in contact with food under FDA. Regulated for use in articles in contact with food under BfR XXI Category 4.			
Toxicity data	Practically not irritating to skin and minimally to eyes . Not sensitizing and not mutagenic. Oral LD50/rat > 5000mg/Kg.			
Handling and Personal protection	Avoid breathing dust and dust generation. Ensure good ventilation and local exhaustion of the working area.			
Storage	Keep away from heat and sources of ignition. Dust- air mixture may ignite violently upon exposure to spark and source of ignition. Store in closed containers also in a cool, dry and well ventilated area.			
Package				
Paper Bag (PP Woven sack ESKP with inner PP liner)	20 Kg			
FIBC	-			
Shelf life	12 months			
Colour code	Light blue			

*Lower Specification limit **Upper Specification Limit ***Defined in Finished Goods Inspection plan

Prepared by : PG	Approved by: RBV
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