

**TECHNICAL DATA SHEET**

Product Name : Mercure MBT		Spec. Ref. No. : TDS 01		
Chemical Name/ Chemical Composition : 2 - Mercaptobenzothiazole		Date of Issue : 01.06.2015		
CAS Reg. No : 149-30-4		Issue No. : 5		
Physical Appearance : Pale Yellow Powder		Rev. No. : 0		
Product Specifications				
Characteristics	Unit	Limits		Test Method
		LSL*	USL**	
Melting point Initial	°C	170.0	--	ASTMD 1519A
Final		175.0	--	
Loss on drying (105°C / 2 hrs)	%	--	0.50	ASTMD 4571
Ash Content (760°C / 2 hrs)	%	--	0.30	ASTMD 4574
Fineness through 100 mesh	%	99.90	--	ASTM D 5461
Assay (Titration)	%	95.0	--	MERCHEM QWI 117
Oil content	%	1.0	2.0	MERCHEM QWI 115
Periodic Audit test ***				
Methanol Insolubles	%	--	1.5	ASTMD 4934
Specific gravity @ Room Temperature	--	1.45	1.55	ASTMD 1817
Bulk Density	Kg/m ³	450	550	MERCHEM QWI 151
Product Information				
Solubility	Soluble in Acetone, Chloroform & Dilute Alkali. Insoluble in Water .			
Classification	Semi Ultra fast Accelerator.			
Discoloration and staining	Non discolouring and Non staining .			
Regulatory Approval Status	Regulated for use in articles in contact with food under FDA 21 CFR 177.2600, 175.105, 176.300 and as specified under BfR XXI categories 1-4 & Sonderkategorie.			
Toxicity data	Practically Non-Harmful. Oral LD50 (Rat) over 3800 mg/kg. Mildly irritating to eye & skin.			
Handling and Personal protection	Ensure good ventilation and avoid dust generation . In case of skin /eye contact flush with water for 10 minutes.			
Storage	Store the product in dry and well ventilated area .Keep away from heat and sources of ignition. Avoid exposure to acid , acidic materials /atmosphere and high humidity.			
Package				
Paper Bag (PP Woven ESKP with inner PP liner)	20 Kg			
FIBC	-			
Shelf life	24 months			
Colour code	Blue			

*Lower Specification Limit **Upper Specification Limit . *** Defined in Finished Goods Inspection Plan.

Prepared by : PG	Approved by: RBV
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