

TECHNICAL DATA SHEET

Product Name : Mercure MBT (Uncoated)			Spec. Ref. No. : TDS 02	
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 Final	°C	170.0 175.0	-- --	ASTMD 1519A
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)	%	96.0	--	MERCHEM QWI 117
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 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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