

**TECHNICAL DATA SHEET**

Product Name : Mercure ZMBT			Spec. Ref. No. : TDS 06	
Chemical Name/ Chemical Composition : Zinc 2-Mercaptobenzothiazole			Date of Issue : 01.06.2015	
CAS Reg. No : 155-04-4			Issue No. : 5	
Physical Appearance : Pale yellow powder			Rev. No. : 0	
Product Specifications				
Characteristics	Unit	Limits		Test Method
		LSL*	USL**	
Loss on drying (105 ^o C / 2 hrs)	%	--	0.50	ASTMD 4571
Ash Content (760 ^o C / 2 hrs)	%	25.5	--	ASTMD 4574
Fineness through 100 mesh	%	99.90	--	ASTM D 5461
MBT content	%	--	2.5	MERCHEM QWI 72
Zinc content	%	17.5	19.5	MERCHEM QWI 70
Periodic Audit Test***				
Total solid content	%	99.7	--	MERCHEM QWI 143
Water extract	%	--	2.0	MERCHEM QWI 142
Specific gravity @ Room Temperature	--	1.65	1.75	ASTMD 1817
Bulk Density	Kg/m ³	450	550	MERCHEM QWI 118
Product Information				
Solubility	Soluble in dilute Alkali. Insoluble in water and gasoline.			
Classification	Semi Ultra fast Accelerator.			
Discoloration and staining	Non staining and Non discoloring .			
Regulatory Approval Status	Regulated for use in articles in contact with food under FDA 21 CFR 177.2600, 175.105, 178.3120 & as specified under BfR XXI categories 3-4.			
Toxicity data	Slightly irritating to eyes and skin .Non Harmful Oral LD50(rat) >5000mg/Kg.			
Handling and Personal protection	Ensure good ventilation .Avoid creating dusty atmosphere. In case of eye and skin contact wash with clean water for 5-10 minutes.			
Storage	Always store in ambient temperature and in dry & well ventilated area. Avoid exposure to sun light, heat, humidity, acids, alkalis, solvents and acidic fumes.			
Package				
Paper Bag (PP Woven sack ESKP with inner PP liner)	20 Kg			
FIBC	-			
Shelf life	24 months			
Colour code	Yellow			

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

Prepared by : PG

Approved by: RBV

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