

**TECHNICAL DATA SHEET**

Product Name : Mercure ZBEC			Spec. Ref. No. : TDS 17	
Chemical Name/ Chemical Composition : Zinc dibenzylthiocarbamate			Date of Issue : 01.06.2015	
CAS Reg. No : 14726-36-4			Issue No. : 5	
Physical Appearance : White /off white powder			Rev. No. : 0	
Product Specifications				
Characteristics	Unit	Limits		Test Method
		LSL*	USL**	
Melting point Initial Final	°C	178.0 180.0	--	ASTMD 1519A
Loss on drying (105 <sup>0</sup> C / 2 hrs)	%	--	0.50	ASTMD 4571
Zinc content	%	10.5	12.5	MERCHEM QWI 10
Ash content (760 <sup>0</sup> C / 2 hrs)	%	--	14.5	ASTM D 4574
Fineness through 100 mesh	%	99.95	--	ASTM D 5461
Periodic Audit Test***				
Specific gravity @ Room Temperature	--	1.35	1.45	ASTMD 1817
Bulk Density	Kg/m <sup>3</sup>	300	400	MERCHEM QWI 118
Product Information				
Solubility	Moderately soluble in Acetone and in chlorinated hydrocarbons. Insoluble in water .			
Classification	Ultra fast Accelerator.			
Discoloration and staining	Non discoloring, non staining & non blooming			
Regulatory Approval Status	Regulated for use in articles in contact with food under FDA 21 CFR 175.105, 177.2600 and under BfR XXI Categories 1-4 and 'Sonderkategorie'.			
Toxicity data	Not harmful by mouth (Oral LD50 Rat >5000 mg/kg). May cause slight eye / skin irritation.			
Handling and Personal protection	Avoid dust formation. In case of eye and skin contact, wash with clean water for 10-15 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 ESKP with inner PP liner)	20 Kg			
FIBC	-			
Shelf life	12 months			
Colour code	Green			

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

Prepared by : PG	Approved by: RBV
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