

**TECHNICAL DATA SHEET**

Product Name : Mertiser DBD			Spec. Ref. No. : TDS 36	
Chemical Name/ Chemical Composition : 2,2`-Dibenzamidodiphenyldisulfide with Activating and Dispersing Aids			Date of Issue : 01.06.2015	
CAS Reg. No : Not Applicable			Issue No. : 5	
Physical Appearance : Greyish green powder /Pellets (3.5 mm Dia)			Rev. No. : 0	
Product Specifications				
Characteristics	Unit	Limits		Test Method
		LSL*	USL**	
Loss on drying (60 °C / 2 hrs)	%	--	1.0	ASTMD 4571
Ash Content (760 °C / 2 hrs)	%	42.0	50.0	ASTMD 4574
Active content	%	46.0	50.0	MERCHEM QWI 128
Fineness through 100 mesh ( for powder product)	%	99.0	--	ASTM D5461
Periodic Audit Test ***				
Specific gravity @ Room Temperature	--	2.05	2.25	ASTM D1817
Bulk Density	Kg/m <sup>3</sup>	600	800	MERCHEM QWI 151
Product Information				
Solubility	Insoluble in water.			
Classification	Peptizing Agent			
Discoloration and staining	Non staining			
Regulatory approval status	Active ingredient is regulated for use in articles in contact with food under FDA 21 CFR 177.2600 and 177.1210.			
Toxicity data	Skin contact may cause skin irritation. Oral LD50/rat: >300 mg /kg.			
Handling and Personal protection	Ensure good ventilation and avoid dust generation .In case of skin /Eye contact flush with water for 10 minutes.			
Storage	Keep away from heat and sources of ignition. Avoid exposure to acid ,acidic materials /atmosphere and high humidity.			
Package				
Paper Bag (PP Woven sack ESKP with inner PP liner)	20 Kg			
FIBC	-			
Shelf life	12 months			
Colour code	Dark Blue			

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

Prepared by : PG	Approved by: RBV
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