

TECHNICAL DATA SHEET

Product Name : Mercure ZBEC			Spec. Ref. No. : TDS 17		
Chemical Name/ Chemical Composition : Zinc dibenzylthiocarbamate			Date of Issue : 05.02.2015		
CAS Reg. No : 14726–36–4			Issue No. : 04		
Physical Appearance : White /off white powder			Rev. No. : 00		
Product Specifications					
Characteristics		Unit	Limits		Test Method
			LSL*	USL**	
Melting point	Initial	°C	178.0	--	ASTMD 1519A
	Final		180.0		
Loss on drying (105°C / 2 hrs)		%	--	0.50	ASTMD 4571
Zinc content		%	10.5	12.5	MERCHEM QWI 10
Ash content (760°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 ³	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