

**TECHNICAL DATA SHEET**

Product Name : Mercure DCBS		Spec. Ref. No. : TDS 10		
Chemical Name/ Chemical Composition : N, N`- Dicyclohexylbenzothiazole-2-sulfenamide		Date of Issue : 01.06.2015		
CAS Reg. No : 4979-32-2		Issue No. : 5		
Physical Appearance : Off white to light tan micro granules / pellets (dia. : 2mm)		Rev. No. : 0		
Product Specifications				
Characteristics	Unit	Limits		Test Method
		LSL*	USL**	
Melting Point Initial	°C	99.0	--	ASTM D 1519A
Melting Point Final	°C	101.0	--	ASTM D 1519A
Loss on drying (60 <sup>0</sup> C / 2 hrs)	%	--	0.50	ASTMD 4571
Ash Content (760 <sup>0</sup> C / 2 hrs)	%	--	0.30	ASTMD 4574
Cyclohexane Insolubles	%	--	0.50	ASTM D 4934
Assay ( for oil free product)	%	96.0	--	ASTM D 4936
Assay ( for oil coated product)	%	95.0	--	ASTM D 4936
Oil Content ( for oil coated product)	%	1.0	2.0	MERCHEM QWI 139
Free amine as dicyclohexylamine	%	--	0.4	ASTM D 4936
Periodic Audit Test ***				
Specific gravity @ Room Temperature	--	1.20	1.25	ASTM D1817
Bulk Density	Kg/m <sup>3</sup>	650	750	MERCHEM QWI 151
Product Information				
Solubility	Soluble in Acetone, Benzene , Toluene and carbon tetrachloride ; insoluble in water.			
Classification	Fast - Delayed action accelerator			
Discoloration and staining	Non staining. Slight staining at higher dosages .			
Regulatory Approval status	Not Regulated for use in FDA food contact applications . Regulated for use in articles in contact with food under BfR XXI category 4 .			
Toxicity data	Practically non harmful. Oral LD50/rat >5000 mg/Kg. Mildly irritating to skin and eye .			
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 direct sunlight and away from strong oxidizers ,acids , acidic materials & humidity.			
Package				
Paper Bag (PP Woven sack ESKP with inner PP liner)	20 Kg			
FIBC	--			
Shelf life	6 months			
Colour code	Purple			

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

Prepared by : PG	Approved by: RBV
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