

**TECHNICAL DATA SHEET**

Product Name	: Mercure ZDBC (Coated)	Spec. Ref. No. :	TDS 23
Chemical Name/ Chemical Composition	: Zinc di-n -butyldithiocarbamate	Date of Issue	: 01.06.2015
CAS Reg. No	: 136-23-2	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	105.0 108.0	--	ASTMD 1519A
Loss on drying (70°C / 2 hrs)	%	--	0.30	ASTMD 4571
Zinc content	%	13.5	15.5	MERCHEM QWI 10
Fineness through 100 mesh	%	99.90	--	ASTM D 5461

Periodic Audit Test***

Oil content	%	1.0	2.0	MERCHEM QWI 07
Benzene Insolubles	%	--	2.0	MERCHEM QWI 11
Total solid content	%	99.7	---	MERCHEM QWI 143
Specific gravity @ Room Temperature	--	1.20	1.30	ASTMD 1817
Water extract	%	--	0.10	MERCHEM QWI 142
Bulk Density	kg/m ³	300	400	MERCHEM QWI 118

Product Information

Solubility	Soluble in Benzene, Acetone & Carbon disulfide .Partially soluble in Hexane. 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, 175.300, 177.1210, 177.2600, 178.2010 and BfR XXI Categories 1-4 and 'Sonderkategorie'.
Toxicity data	Harmful by mouth Oral LD50/rat >5000mg/Kg. May cause slight eye / skin irritation.
Handling and Personal protection	Avoid breathing dust; Exposure to high dust concentration may cause irritation to respiratory tract. May cause Alcohol intolerance. 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 sunlight, heat, acids, alkalies, acid fumes & solvents.

Package

Paper Bag (PP Woven ESKP with inner PP liner)	20 Kg
FIBC	-
Shelf life	12 months
Colour code	Black

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

Prepared by : PG

Approved by: RBV

This document is electronically generated hence does not require signature.