

**TECHNICAL DATA SHEET**

Product Name : ZIRAM			Spec. Ref. No. : TDS 49	
Chemical Name/ Chemical Composition : Zinc dimethyldithiocarbamate			Date of Issue : 01.06.2015	
CAS Reg. No : 137-30-4			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	244.0 248.0	--	ASTMD 1519A
Loss on drying (105°C / 2 hrs)	%	--	0.50	ASTMD 4571
Zinc content	%	20.5	22.5	MERCHEM QWI 10
Fineness through 100 mesh	%	99.90	--	ASTM D 5461
Periodic Audit Test***				
Specific gravity @ Room Temperature	--	1.65	1.75	ASTMD 1817
Bulk Density	kg/m ³	550	650	MERCHEM QWI 118
Product Information				
Solubility	Partially Soluble in carbon tetra chloride .Insoluble in water .			
Classification	Carbamate Fungicide.			
Application Area	Used as a broad spectrum fungicide in paints and in agriculture to control fungal infections.			
Toxicity data	Very toxic by inhalation and harmful by ingestion. May cause skin sensitization and can cause Alcohol intolerance Oral LD50/rat >1270mg/Kg. Acute inhalation LC50 Rat : 81 mg /m3 /4 hr.			
Handling and Personal protection	Avoid dust formation and ensure good ventilation. Wear safety goggles , mask and gloves. In case of eye and skin contact, wash with clean water for 10-15 minutes and seek medical attention. If swallowed, immediately get medical attention.			
Storage	Always store in ambient temperature and in dry,& well-ventilated area. Avoid exposure to sunlight heat, acids, alkalis, acid fumes and solvents.			
Package				
Paper Bag (PP Woven ESKP with inner PP liner)	20 Kg			
FIBC	-			
Shelf life	12 months			
Colour code	Red			

*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.