



# EAST COAST ORGANICS PRIVATE LIMITED

Regd. Office & Factory : 237/2, Vellivoyal Chavadi,  
Chennai – 600 103. India.



## **TECHNICAL DATA SHEET**

### **TETRAMETHYL THIURAM DISULPHIDE**

Product Name	:	TMT	Spec.Ref. No	:	TDS-005
Chemical Name / Chemical Composition	:	Tetramethyl thiuram disulphide	Date of Issue	:	19.06.2015
CAS No.	:	137-26-8	Issue No	:	01
Physical Appearance	:	Light yellow to white powder	Rev	:	00
<b>PRODUCT SPECIFICATION</b>					
Characteristics		Unit	Limits		
			Lower Specific Limit	Upper Specific Limit	
Melting point	Initial	°C	144.0		
	Final		148.0		
Loss on drying (105 C / 2 hrs)		%	--	0.30	
Ash Content (760 C / 2 hrs)		%	--	0.20	
Fineness through 100 mesh		%	99.98	--	
Assay		%	97.0	--	
Free amine (as dimethylamine)		%	--	0.10	
<b>PERIODIC AUDIT TEST</b>					
Oil content		%	1.0	2.0	
Chloroform Insolubles		%	--	0.10	
Specific gravity @ Room Temperature		--	1.35	1.45	
Bulk Density		Kg/m <sup>3</sup>	400	500	
<b>PRODUCT INFORMATION</b>					
Solubility	Soluble in Acetone and Chloroform; partially soluble in Alcohol and insoluble in water.				
Classification	Ultra fast Accelerator.				
Discoloration and staining	Non discoloring and non staining.				
Regulatory Approval Status	Regulated for use in articles in contact with food under FDA 21 CFR 177.2600, 175.105 and as specified under BFR XXI Categories 1-4 & Sonder kategorie.				
Toxicity data	Harmful by mouth. (Oral LD50 rat: 1080 mg/kg). A substance of moderate toxicity, eye & skin irritant and skin sensitizer. Can cause alcohol intolerance by inhalation of dust or absorption through skin.				
Handling and Personal protection	Avoid breathing dust. In case of eye or skin contact, wash with clean water for 5 to 10 minutes. Seek medical advice urgently if swallowed.				
Storage	Keep away from heat and sources of ignition. Dust- air mixture may ignite violently upon exposure to spark. Always store in ambient temperature and in dry & well ventilated area. Avoid exposure to sun light, heat, humidity, acids, alkalis, solvents and acidic fume.				
<b>PACKAGE</b>					
Paper Bag (PP Woven ESKP with inner PP liner)			20Kg		
Shelf Life			12 Months		



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