

**TECHNICAL DATA SHEET**

<b>Product Name</b> : Meretard A			<b>Spec. Ref. No.</b> : TDS 35	
<b>Chemical Name/ Chemical Composition</b> : N -Nitrosodiphenylamine			<b>Date of Issue</b> : 01.06.2015	
<b>CAS Reg. No</b> : 86-30-6			<b>Issue No.</b> : 5	
<b>Physical Appearance</b> : Yellowish / dark brown flakes / granules			<b>Rev. No.</b> : 0	
Product Specifications				
Characteristics	Unit	Limits		Test Method
		LSL*	USL**	
<b>Melting point</b> Initial Final	°C	60.0	--	ASTMD 1519A
		62.0	--	
<b>Loss on Drying (60 °C /2hrs)</b>	%	--	0.5	ASTMD 4571
<b>Ash Content (760°C/2 hrs)</b>	%	--	0.10	ASTMD 4574
Periodic Audit Test***				
<b>Specific gravity @ Room Temperature</b>	--	1.20	1.30	ASTMD 1817
<b>Bulk Density</b>	Kg/m <sup>3</sup>	500	700	MERCHEM QWI 118
Product Information				
<b>Solubility</b>	Insoluble in water. Soluble in Methanol, Acetone, Xylene, 1,2-Dichloro ethane, Carbon disulfide.			
<b>Classification</b>	Retarder			
<b>Discoloration and staining</b>	Discolors white or colored products. Contact and migration staining is experienced on other surfaces in contact with rubber products containing Meretard A.			
<b>Regulatory Approval Status</b>	Not regulated .			
<b>Toxicity data</b>	Harmful if swallowed or inhaled. May be irritating to the respiratory tract and cause symptoms of bronchitis. Human mutagen experimental carcinogen, tumorigenic .Irritating to eyes and skin. Emit toxic fumes under fire conditions. Oral LD50/rat: 1825mg/Kg.			
<b>Handling and Personal protection</b>	Avoid breathing dust and dust generation. Ensure good ventilation and local exhaustion of the working area. Prevent skin , eyes contact and contamination of clothing. Wear suitable respiratory equipment, gloves with long cuffs, suitable protective clothing and Safety goggles.			
<b>Storage</b>	Dust-air mixture may ignite violently upon exposure to spark and source of ignition. Keep away from strong oxidizing agent. Store closed containers in a cool, dry & well ventilated area.			
Package				
<b>Paper Bag (PP Woven sack ESKP with inner PP liner)</b>	20 Kg			
<b>FIBC</b>	-			
<b>Shelf life</b>	12 months			
<b>Colour code</b>	Black			

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

Prepared by : PG	Approved by: RBV
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