

**TECHNICAL DATA SHEET**

Product Name : MernoX TQ (HPG)			Spec. Ref. No. : TDS 29	
Chemical Name/ Chemical Composition : 1,2 -Dihydro -2,2,4- trimethyl-quinoline, Polymerised			Date of Issue : 01.06.2015	
CAS Reg. No : 26780-96-1			Issue No. : 5	
Physical Appearance : Light to dark brown pastilles			Rev. No. : 0	
Product Specifications				
Characteristics	Unit	Limits		Test Method
		LSL*	USL**	
Softening Point	°C	83.0	100.0	ASTM E 28
Loss on drying (60°C / 2 hrs)	%	--	0.30	ASTMD 4571
Ash Content (760°C / 2 hrs)	%		0.25	ASTMD 4574
Primary amine content	%	--	0.7	MERCHEM QWI 153
Dimer +Trimer content	%	70.0	--	MERCHEM QWI 154
Periodic Audit test ***				
Chloroform Insolubles	%	--	0.10	ASTM D 4934
Specific gravity @ Room temperature	--	1.05	1.10	ASTM D 1817
Bulk Density	kg/m ³	600	670	MERCHEM QWI 151
Product Information				
Solubility	Soluble in acetone and alcohol and other organic solvents ; insoluble in water.			
Classification	Antioxidant			
Discoloration and staining	Moderately staining and discoloring.			
Regulatory approval status	Prohibited for use in articles in contact with food under FDA 21 CFR 189.200 and regulated as specified under BfR XXI category 4.			
Toxicity data	Slightly irritating to eyes .Not a skin sensitizer. May cause mild irritation to upper respiratory tract. Oral LD50/rat:3190 mg/Kg.			
Handling and Personal protection	Avoid breathing dust. If exposed to high dust concentration, leave area immediately. Keep away from food and smoking materials.			
Storage	Keep away from heat and sources of ignition. Store closed containers in normal storage condition and in dry and well-ventilated area.			
Package				
Paper Bag (PP Woven sack ESKP with inner PP liner)	20 Kg			
FIBC	500Kg & 1000 Kg			
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
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