

**TECHNICAL DATA SHEET**

Product Name : Mernox SP (Emulsion)			Spec. Ref. No. : TDS 31	
Chemical Name/ Chemical Composition : Styrenated Phenol emulsified in water			Date of Issue : 01.06.2015	
CAS Reg. No : Not applicable			Issue No. : 5	
Physical Appearance : White coloured emulsion			Rev. No. : 0	
Product Specifications				
Characteristics	Unit	Limits		Test Method
		LSL*	USL**	
pH	-	8.0	9.0	MERCHEM QWI 41
Active Content	%	30.0	--	MERCHEM QWI 133
Periodic audit test ***				
Specific gravity	--	1.0	1.1	ASTM D 891
Product Information				
Solubility	Soluble in water .			
Classification	Antioxidant .			
Discoloration and staining	Non discoloring and non staining.			
Regulatory Approval Status	Main ingredient is regulated for use in articles in contact with food under FDA 21 CFR 177.2600, 177.105 and under BfR XXI categories 1-4.			
Toxicity data	Toxic to aquatic organisms may cause long-term adverse effects in the aquatic environment. Decomposition products on heating or due to fire may produce carbon monoxide, nitrogen dioxide and phenolic and styrene fumes. Oral LD50/rat : 3550 mg/Kg.			
Handling and Personal protection	Avoid contact with skin and eyes. Wear suitable gloves and eye/face protection.			
Storage	Keep away from oxidizing agents, strong acids, heat and direct sunlight. Store in a dry and cool place. Keep container tightly closed. Provide adequate ventilation and local exhaust.			
Package				
HDPE BARREL /CARBUOY	200 kg / 50 kg/30kg			
Shelf life	12 months			
Colour code	None			

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

Prepared by : PG	Approved by: RBV
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