

**TECHNICAL DATA SHEET**

| Product Name : Mernox SP | | | Spec. Ref. No. : TDS 30 | |
|--|---|--------|----------------------------|-----------------|
| Chemical Name/ Chemical Composition : Mixture of styrenated phenols | | | Date of Issue : 01.06.2015 | |
| CAS Reg. No : 61788-44-1 | | | Issue No. : 5 | |
| Physical Appearance : Colourless /pale yellow/ Pale amber coloured viscous liquid | | | Rev. No. : 0 | |
| Product Specifications | | | | |
| Characteristics | Unit | Limits | | Test Method |
| | | LSL* | USL** | |
| Viscosity (at 30+/-2°C) | cps | 2000 | 6000 | ASTMD 2196 |
| Refractive Index @ Room temperature | - | 1.5990 | 1.6020 | ASTMD 1747 |
| Loss on Drying (60°C/2hrs) | % | - | 1.0 | ASTMD 4571 |
| Ash Content (760°C/2hrs) | % | - | 0.10 | ASTMD 4574 |
| Acidity (as H ₂ SO ₄) | % | - | 0.10 | MERCHEM QWI 109 |
| Periodic Audit Test*** | | | | |
| Specific Gravity | - | 1.078 | 1.086 | ASTMD 891 |
| Product Information | | | | |
| Solubility | Soluble in Acetone& Alcohol; insoluble in water. | | | |
| Classification | Antioxidant | | | |
| 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 under BfR XXI categories 1- 4. | | | |
| Toxicity data | Slightly harmful by mouth. (Oral LD50 rat : 3550 mg/kg). Slightly irritating to skin and irritating to eyes. | | | |
| Handling and Personal protection | No special precautions are required. In case of skin or eye contact rinse immediately with plenty of clean water and seek medical advice. | | | |
| Storage | Keep away from oxidizing agents, acids, alkalis, moisture, heat and direct sunlight. Always store in ambient temperature and in dry & well ventilated area. | | | |
| 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

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| Prepared by : PG | Approved by: RBV |
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