



# MERCHEM LIMITED

## TECHNICAL DATA SHEET

| Product Name                                     | : Mercure AHB   | Spec. Ref. No. : | TDS 27       |                 |
|--|---|------------------|--------------|-----------------|
| Chemical Name/ Chemical Composition              | : Aniline-Heptaldehyde Condensate   | Date of Issue    | : 01.06.2015 |                 |
| CAS Reg. No                                      | : 9033-50-3   | Issue No.        | : 5          |                 |
| Physical Appearance                              | : Clear Reddish brown liquid  | Rev. No.         | : 0          |                 |
| Product Specifications                           |   |                  |              |                 |
| Characteristics                                  | Unit  | Limits           |              | Test Method     |
|  |   | LSL*             | USL**        |                 |
| pH of Aqueous extract<br>( 10% aqueous solution) | -   | 5.5              | 6.5          | MERCHEM QWI 129 |
| Moisture content                                 | %   | --               | 0.50         | MERCHEM QWI 149 |
| Periodic Audit Test ***                          |   |                  |              |                 |
| Free heptaldehyde content                        | %   | --               | 0.30         | MERCHEM QWI 150 |
| Specific gravity                                 | -   | 0.85             | 0.95         | ASTMD 891       |
| Product Information                              |   |                  |              |                 |
| Solubility                                       | Soluble in Toluene ,Benzene , Chloroform & acetone .<br>Insoluble in water.   |                  |              |                 |
| Classification                                   | Fast curing, high temperature accelerator with a long curing range.   |                  |              |                 |
| Discoloration and staining                       | Discolors lightly pigmented, white or light colored compounds. Relatively non-staining.   |                  |              |                 |
| Regulatory Approval Status                       | Regulated for use in articles in contact with food under FDA 21 CFR 177.2600, Rubber Articles Intended for Repeated Use – Limitation : 1.5% Max . |                  |              |                 |
| Toxicity data                                    | No information available .  |                  |              |                 |
| Handling and Personal protection                 | Avoid ingestion, eye and skin contact and prolonged inhalation. Observe good personal hygiene.  |                  |              |                 |
| Storage  | Store under normal conditions and keep away from direct source of heat and sunlight .   |                  |              |                 |
| Package  |   |                  |              |                 |
| HDPE drum  | 170 Kg  |                  |              |                 |
| 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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