

## LEONID CHEMICALS PVT. LTD.

## PUALITY OUR FORTE FINE CHEMICAL Department: Quality Control Document No: LCPL/QSD/QAD/11 SOP No.: SOP/QC/11-S038 SPECIFICATION : SODIUM PHOSPHATE DIBASIC DODECAHYDRATE AR Issue date 23/04/2018 Review date 22/04/2023 Location All Units

|  | Issue uate   | 23/04/2010 | Keview uate | 22/04/2023 | Location | An Um  |
|--|--------------|------------|-------------|------------|----------|--------|
|  | Version No.: | 00         | Supersedes  |            | Page No  | 1 of 1 |
|  |              |            |             |            |          |        |

## **PRODUCT DETAILS**

| TRODUCT DETRIES                |  |  |  |  |  |
|--------------------------------|--|--|--|--|--|
| Molecular Formula              | $Na_2HPO_4 \cdot 12H_2O$ O   |  |  |  |  |
| Product code                   | $HO-P-ONa \cdot 12H_2O$  |  |  |  |  |
| Molecular weight               | 358.14 ONa   |  |  |  |  |
| CAS No                         | 10039-32-4   |  |  |  |  |
| Risk Statement No              |  |  |  |  |  |
| Safety Statement No            | 24/25  |  |  |  |  |
| UN No.                         | UN3077   |  |  |  |  |
| KING DETAILS                   |  |  |  |  |  |
| Product code                   | Pack size  |  |  |  |  |
| S03810                         | 500 g  |  |  |  |  |
| S03813                         | 5.0 Kg   |  |  |  |  |
| PRODUCT SPECIFICATION          |  |  |  |  |  |
| TEST PARAMETERS                | LIMITS   |  |  |  |  |
| Description                    | White crystalline powder.  |  |  |  |  |
| Clarity                        | 10% solution in water is clear and colourless.   |  |  |  |  |
| Assay                          | Not less than 99.5%  |  |  |  |  |
| pH                             | Between 5.5 and 7.5  |  |  |  |  |
| Insoluble matter               | Not more than 0.003%   |  |  |  |  |
| Chloride (Cl)                  | Not more than 0.02%  |  |  |  |  |
| Sulphide (S)                   | Not more than 0.0002%  |  |  |  |  |
| Sulphate and Sulphite (as SO4) | ) Not more than 0.05%  |  |  |  |  |
| Copper (Cu)                    | Not more than 0.0005%  |  |  |  |  |
| Iron (Fe)                      | Not more than 0.0005%  |  |  |  |  |
| Lead (Pb)                      | Not more than 0.0005%  |  |  |  |  |
| Potassium (K)                  | Not more than 0.1%   |  |  |  |  |
| Nitrogen compounds (N)         | Not more than 0.01%  |  |  |  |  |
| SAFETY SYMBOLS                 |  |  |  |  |  |
|                                | Molecular Formula<br>Product code<br>Molecular weight<br>CAS No<br>Risk Statement No<br>Safety Statement No<br>UN No.<br><b>XING DETAILS</b><br>Product code<br>S03810<br>S03813<br><b>DUCT SPECIFICATION</b><br><b>TEST PARAMETERS</b><br>Description<br>Clarity<br>Assay<br>pH<br>Insoluble matter<br>Chloride (Cl)<br>Sulphide (S)<br>Sulphate and Sulphite (as SO4<br>Copper (Cu)<br>Iron (Fe)<br>Lead (Pb)<br>Potassium (K)<br>Nitrogen compounds (N) |  |  |  |  |