

**Technical Data sheet****AMMONIA SOLUTION, 25% (as NH<sub>3</sub>) w/w****Product Code :018902 AMMONIA SOLUTION, 25% (as NH<sub>3</sub>) w/w****Formula :NH<sub>3</sub>****Retest period : 24 months****Standard Grade : PE****Rev.: 05/05/2009****General Information :**

|            |                         |
|------------|-------------------------|
| Density    | 0,910 g/cm <sup>3</sup> |
| Mol weight | 17,03 g/mol             |
| CAS Nr     | 1336-21-6               |
| C.E.E. Nr  | 007-001-01-2            |
| EINECS Nr  | 215-647-6               |
| HS code    | 28142000                |

**Transport :**

|                  |          |
|------------------|----------|
| ADR/RID Class    | 8/III,C5 |
| UN Nr            | 2672     |
| Danger           | 80       |
| Transport Labels | 8 N      |
| IMDG Code        | 8/III    |
| IATA Code        | 8        |
| IATA Group       | III      |
| CAO Code         | 856      |
| PAX Code         | 852      |

**Specifications :**

|                              |                               |                                     |               |
|------------------------------|-------------------------------|-------------------------------------|---------------|
| Assay (Acidim.)              | 24,0 - 24,9 % NH <sub>3</sub> | Carbon dioxide (CO <sub>2</sub> )   | Max. 0,003 %  |
| Chloride (Cl)                | Max. 0,00005 %                | Total sulphur (as SO <sub>4</sub> ) | Max. 0,0005 % |
| Phosphate (PO <sub>4</sub> ) | Max. 0,0001 %                 | Subst. reducing KMnO <sub>4</sub>   | Passes test   |
| Color (Pt-Co)                | Max. 10,0 APHA                | Sulphated ash                       | Max. 0,003 %  |
| Arsenic (As)                 | Max. 0,05 ppm                 | Aluminum (Al)                       | Max. 0,05 ppm |
| Barium (Ba)                  | Max. 0,02 ppm                 | Berilio (Be)                        | Max. 0,01 ppm |
| Cadmium (Cd)                 | Max. 0,02 ppm                 | Calcium (Ca)                        | Max. 0,5 ppm  |
| Chromium (Cr)                | Max. 0,1 ppm                  | Cobalt (Co)                         | Max. 0,01 ppm |
| Copper (Cu)                  | Max. 0,1 ppm                  | Iron (Fe)                           | Max. 0,05 ppm |
| Lead (Pb)                    | Max. 0,02 ppm                 | Lithium (Li)                        | Max. 0,01 ppm |
| Magnesium (Mg)               | Max. 0,1 ppm                  | Manganese(Mn)                       | Max. 0,01 ppm |
| Molybdenum (Mo)              | Max. 0,01 ppm                 | Nickel (Ni)                         | Max. 0,01 ppm |
| Potassium (K)                | Max. 0,1 ppm                  | Silver (Ag)                         | Max. 0,01 ppm |
| Sodium (Na)                  | Max. 0,5 ppm                  | Strontium (Sr)                      | Max. 0,01 ppm |
| Talio (Tl)                   | Max. 0,05 ppm                 | Titanio (Ti)                        | Max. 0,05 ppm |
| Vanadium (ppm)               | Max. 0,01 ppm                 | Zinc (Zn)                           | Max. 0,05 ppm |
| Circonio (Zr)                | Max. 0,02 ppm                 |                                     |               |

**Labels : H-314:Causes severe skin burns and eye damage. H-335:May cause respiratory irritation. H-400:Very toxic to aquatic life. P-261:Avoid breathing dust/fume/gas/mist/vapours/spray. P-280:Wear protective gloves/protective clothing/eye protection/face protection. P-309+311:IF exposed or if you feel unwell: Call a POISON CENTER or doctor/physician. P-312:Call a POISON CENTER or doctor/physician if you feel unwell. P-305+P351+P338:Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. P-501:Dispose of contents/container in accordance with local/regional/national/international regulations,**



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