DATE: 2024-2025

Arena Code: AS10611/JASH-AMMONIA SOLUTION 25%

Producer and Supplier in the fields of Chemical, Oil, Gas and Petrochemical industries

Technical Data Sheet

Ammonia Solution

Ammonia solution is a liquid mixture of ammonia salts and water and has the chemical formula NH4OH. It is also known as ammonium hydroxide, aqueous ammonia, ammoniacal liquor and ammonia water. As the concentration of dissolved ammonia increases, so the solution decreases in density.

Application:

- agricultural industries
- -fertilizer production industries
- -metalworking operations
- -production of nitric acid and some alkaline substances including soda ash
- -medicine
- -dye production
- -textiles
- -synthetic fiber and some plastics
- acid neutralization
- -water and wastewater treatment
- -industrial refrigeration systems
- rubber industries
- -paper industries
- -food and beverage industries
- -leather industries
- -urea production

| Properties | Value |
|---------------------|----------|
| Assay(acidimetry) | >25% |
| Chloride | <0.05% |
| sulfate | <0.05% |
| Cu | <0.0005% |
| Fe | <0.0005% |
| Pb | <0.005% |
| Residue of ignition | <0.02 % |



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