

TEKNOGAS (M) SDN BHD

33, Lorong Rahim Kajai 13,
Tmn Tun Dr. Ismail, 60000 Kuala Lumpur, Malaysia
Tel: 03-77298899 Fax: 03-77275785

SPECIFICATION OF AMMONIA LIQUOR

CHEMICAL NAME : AMMONIUM HYDROXIDE

COMMON NAME : AQUA AMMONIA
AMMONIA LIQUOR
AMMONIA SOLUTION

FORMULAR : $\text{NH}_4(\text{OH})$

AMMONIA (NH₃) : 22 - 26%

SPECIFIC GRAVITY : 0.904

HEAVY METAL AS Pb : 5 ppm max

INSOLUBLE MATTER : 20 ppm max

SG : 0.899 – 0.911

PH : 11 - 13

PHYSICAL AND CHEMICAL PROPERTIES :

COLOUR : LIQUID - COLOURLESS
NH₃ GAS - COLOURLESS

ODOUR : PUNGENT

DENSITY OF 25% NH3 AT 15.5 DEG C(60 DEG F) 0.9106

AFFINITY TO WATER - GASEOUS AMMONIA IS VERY SOLUBLE IN WATER

LIGHT SENSITIVE - NO