OMEGA FINE PRODUCTS (PTY) LTD
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TECHNICAL DATA SHEET
AMMONIA 25%

Physical and Chemical Properties	
Physical State and appearance	Liquid
Odour	Ammonia-like (Strong)
Taste	Acid
pH: (in 1N solution)	11.6
Freezing / Melting Point:	-69.2ºC
Boiling Point:	Not available.
Decomposition temperature:	Not available.
Solubility:	Soluble in water.
Specific Gravity / Density:	0.898
Bulk Density:	Not available
Molecular Formula:	NH_4OH
Molecular weight:	35.05

. Stability and Reactivity	
Chemical Stability:	Stable.
Conditions to avoid:	Incompatible materials and high temperature s
Incompatibilities with other materials:	Reacts with heavy metals and acids
Hazardous decomposition products:	Can produce Ammonium chloride and hydrazine
Hazardous Polymerisation:	Is not prone to polymerisation reactions. However, under certain conditions, can react and produce hazardous compounds

Information provided is based on Laboratory evaluations and data believed to be reliable. Recommendations are given in good faith but without warranty. It is the user's responsibility to determine the suitability for his own use. Freedom from patent restrictions must not be assumed.

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