

PROPERTIES OF AMMONIUM SULPHATE

PHYSICAL AND CHEMICAL PROPERTIES OF AMMONIUM SULFATE			
PHYSICAL STATE AND APPEARANCE	Solid white crystalline granules.		
MOLECULAR WEIGHT	132.14	COLOR	White.
pH (10% SOLN/WATER)	5.4	ODOR	Odorless.
BOILING POINT	Decomposes.	ODOR THRESHOLD	17 PPM (Ammonia)
MELTING POINT	235°C (455°F)	TASTE	Acrid.
CRITICAL TEMPERATURE	Not available.	IONICITY (in Water)	Not available.
SPECIFIC GRAVITY g/cc	0.913 (Water = 1)	SOLUBILITY	Easily soluble in hot water. Soluble in cold water.
BULK DENSITY kg/m ₃	Loose: 961 Tapped: 1122	DISPERSION PROPERTIES	See solubility in water.
VAPOR PRESSURE	Not applicable.	WATER/OIL DIST. COEFF.	Not available.
VAPOR DENSITY	Not applicable.		
VOLATILITY	Not applicable.		