

DSM Agro B.V.

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Product data sheet: Aqueous Ammonia 25%

Version: 7 (09/2003)

Aqueous Ammonia 25%				
1	Liquid-product specification			
				Typical value
	Ammonia	% m/m	min. 24	
	Chloride (Cl)	mg/kg	max. 2	
	Iron (Fe)	mg/kg	max. 2	<0.5
	Arsenic (As)	mg/kg	max. 0.4	<0.10
	Lead (Pb)	mg/kg	max. 3	<0.10
	Cadmium (Cd)	mg/kg	max. 1	<0.01
	Mercury (Hg)	mg/kg	max. 1	<0.001
	Copper (Cu)	mg/kg	max. 25	<0.05
	Zinc (Zn)	mg/kg	max. 25	<0.01
2	Sampling and analysis techniques			
	According to ISO TC 47 "Chemistry" and DSM Agro "in-house" methods.			
3	Physical properties			
	Formula		NH ₄ OH (aq.)	
	Molar mass		35	
	State of aggregation		liquid	
	Appearance/odour		colourless liquid / pungent odour	
	Density at 20°C	kg/m ³	907	
	Boiling point at 1 bar	°C	36	
	Vapour pressure at 20°C	bar	0,52	
	Freezing point	°C	-55	
	Solubility in water		completely miscible	
	Warranty			
	The Product Data Sheet represents the only product warranty made regarding this product. This information is intended for use by persons having technical skill, at their own discretion and risk. Except as set forth above there are no warranties, express or implied, including warranties of merchantability or fitness for a particular purpose and seller shall not be liable for consequential damages.			