

## R-717

<b>Product Designation</b>	R-717
<b>Physical state</b>	liquefied under pressure
<b>Chemical symbol</b>	NH <sub>3</sub>
<b>Purity</b>	99,98 wt%
<b>Other names</b>	Ammonia
<b>Standard</b>	DIN 8960

### Impurities

Moisture	400 wt. ppm
high-boiling residues	50 wt. ppm

### Maximum value according to DIN 8960

### Delivery formats

In low pressure cylinders

Descriptions	cylinders/container volumes	Vapour Pressure	Content
Ammonia f. refri. sys. T127 RCyl PT:67kg	127 l	7,3 bar	67,00 kg
Ammonia f. refri. sys. T79 RCyl PT: 40kg	79 l	7,3 bar	40,00 kg
Ammonia f. refri. sys. T900 RDrum: 500kg	950 l	7,3 bar	500,00 kg

Vapour pressure corresponds to 293.15 K (20°C).

### Other delivery formats

on request

### Properties

corrosive  
 flammable  
 toxic  
 dangerous to the environment

### Valve connection

DIN 477 No. 6 | (W 21.80 x 1/14)

### Shoulder colour

zinc yellow (RAL 1018)

### Typical applications

as a refrigerant  
 in industrial refrigeration  
 in water chilling  
 in heat pumps

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### Physical data/specific values:

Molar Mass	Molar mass	17,0 g mol <sup>-1</sup>
Liquid State	boiling temp	240,15 (-33,0) K (°C)
Critical Point	Temperature	405,55 (132,4) K (°C)
	Pressure	114,80 bar
	Density	235 kg m <sup>-3</sup>
Additional operating	Safety group according to DIN EN 378	B2
	practical threshold value	0,00035 kg m <sup>-3</sup>
	Flammability (LFL)	0,116 kg m <sup>-3</sup>
	ozone depletion potential	0
	Global warming potential (GWP <sub>100</sub> )	0

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