HiQ® Specialty Gases Finder.

**Ammonia NH3**
Ammonia (R-717), R-717

CAS: 7664-41-7  EC: 231-635-3  UN: 1005

**Ammonia 3.8**
Purity >= 99.98% (Contact local team for exact specification)

**Impurities [ppm]**
99.98% (Contact local team for exact specification)

**HiQ Ammonia 4.5**
Purity >= 99.995% (Contact local team for exact specification)

**Impurities [ppm]**
99.995% (Contact local team for exact specification)  H2O<=5  O2<=5  N2<=30  CO<=5  CO2<=1  CnHm<=2

**HiQ Ammonia 5.0**
Purity >= 99.999% (Contact local team for exact specification)

**Impurities [ppm]**
99.999% (Contact local team for exact specification)  H2O<=1  O2<=1  N2<=4  CO<=1  CO2<=1  CnHm<=1

**HiQ Ammonia 6.0**
Purity >= 99.9999% (Contact local team for exact specification)

**Impurities [ppm]**
99.9999% (Contact local team for exact specification)  H2O<=0.2  O2<=0.1  N2<=0.5  CO<=0.1  CO2<=0.2  CnHm<=0.1  Fe<=0.1

**Typical Filling Pressure**: 15 °C: 7.3 bar(a)  70 °F: 114 psi(g)

**Characteristics**
Colourless flammable liquefied gas with a penetrating and suffocating odour.
Hazard classifications
EC C&L

EU GHS C&L - Reg 1272/2008
Signal Word: DANGER

R-Phrases
R10: Flammable
R23: Toxic by inhalation
R34: Causes burns
R50: Very toxic to aquatic organisms

H-Statements
Physical Hazards
Liquefied Gas -> H280: Contains gas under pressure; may explode if heated
H221: Flammable gas

Health Hazards
H331: Toxic if inhaled
H314: Causes severe skin burns and eye damage

Environmental Hazards
H400: Very toxic to aquatic life

Applications of this gas in pure form, or component in a gas mixture.

This is a promotional data sheet, for a full Safety Data Sheet, please contact your local Linde subsidiary

Linde AG
Linde Gases Division, Seitnerstrasse 70, 82049 Pullach, Germany, Phone +49 89 7446 1661, hiq@linde-gas.com, http://hiq.linde-gas.com