



PRODUCT CODE: 211129

Ammonia 25% (as NH₃) technical grade

H₃N

NH₃

M.= 17,03

CAS [1336-21-6]

EINECS 215-647-6

TARIC 2814 20 00 00

SYNONYMS: Ammonium Hydroxide

PHYSICAL DATA: liquid, Clear, Colourless, Miscible with water • D 20/4 0,91 • Vap. press. (20 °C) 500 hPa •

BIBLIOGRAPHY: Merck Index **13**, 494 Sax **AMY500** • Römp **8** , **182** • ISO 6553/2-1983 R - 3 , 4 • BP.**2018** • Ph. Eur. **8.0** (2014) **9.0** (2017) • F.C.C **10 11** •

HAZARDOUS: C.E: 007-001-01-2 • RTECS: BQ 9625000 • LD50 oral rat 350 mg/kg • LC L0 inh hmn 5000 ppm / 5 min • LC50 inh rat 2000 ppm / 4h • VLA-EC [NH₃(g)] 35 ppm25 mg/m³ VLA-ED [NH₃(g)] 25 ppm18 mg/m³



H: H314 • H400 • H335 •

P: P260 • P261 • P264 • P271 • P273 • P501 • P280 • P301+P330+P331 • P303+P361+P353 • P304+P340 • P305+P351+P338 • P310 • P312 • P321 • P363 • P391 • P403+P233 • P405 •

TRANSPORT REGULATIONS: UN: 2672 • ADR: 8/III • IMDG: 8/III • IATA: 8/III • PAX: 852 • CAO: 856 • (E) •

WEIGHT/VOLUME INFORMATION: 1l~0,905 kg 1kg~1,105 l

OBSERVATIONS: Storage below 20°C •

SPECIFICATIONS:

Assay (Acidim.)

24-27 %*

Density at 20/4	0,900-0,910*
Chloride (Cl)	0,005%
Sulfur compounds (as SO ₄)	0,005 %
Fe	0,005 %
Pb	0,005 %

*** At the moment of the batch analysis.**

Ed.: 3 . Vig.: 15.01.2011 .

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