

Technical Data sheet**AMMONIA AQUEOUS, 20% (as NH₃) w/w**

Product Code :027702 AMMONIA AQUEOUS, 20% (as NH₃) w/w**Formula** :NH₄OH**Retest period** : 24 months**Standard Grade** : PE**Rev.:** 21/09/2011

General Information :

Density	0,923 g/cm ³
Mol weight	35,05 g/mol
CAS Nr	1336-21-6
C.E.E. Nr	007-001-02-X
EINECS Nr	215-647-6
HS code	28142000

Transport :

ADR/RID Class	8/III,C5
UN Nr	2672
Danger	80
Transport Labels	8 N
IMDG Code	8/III
IATA Code	8
IATA Group	III
CAO Code	856
PAX Code	852

Specifications :

Assay (Acidim.)	19,0 - 21,0 % NH ₃	Density (at 20°C)	0,91 - 0,93 g/ml
Iron (Fe)	Max. 0,01 %	Heavy metals (as Pb)	Max. 0,00005 %
Arsenic (As)	Max. 0,0003 %	Mercury (Hg)	Max. 0,0005 %
Cadmium (Cd)	Max. 0,0005 %	Lead (Pb)	Max. 0,003 %
Copper (Cu)	Max. 0,0005 %	Tungsten (W)	Max. 0,0005 %
Zinc (Zn)	Max. 0,0005 %	Nickel (Ni)	Max. 0,01 %
Chromium (Cr)	Max. 0,01 %	Silicon (Si)	Max. 0,01 %
Sodium (Na)	Max. 0,01 %	Potassium (K)	Max. 0,01 %
Magnesium (Mg)	Max. 0,01 %	Rubidium (Rb)	Max. 0,01 %
Selenium (Se)	Max. 0,01 %	Manganese (Mn)	Max. 0,01 %
Cesium (Cs)	Max. 0,01 %	Barium (Ba)	Max. 0,01 %
Strontium (Sr)	Max. 0,01 %	Lanthanum (La)	Max. 0,01 %
Total sulphur (S)	Max. 0,01 %	Tin (Sn)	Max. 0,01 %
Germanium (Ge)	Max. 0,01 %	Antimony	Max. 0,01 %
Bismuth	Max. 0,0005 %	Fluorine(F)	Max. 0,001 %
Chlorine (Cl)	Max. 0,01 %	Bromine (Br)	Max. 0,01 %
Iodine (I)	Max. 0,01 %	Titanium (Ti)	Max. 0,01 %
Aluminum (Al)	Max. 0,01 %	Cobalt (Co)	Max. 0,01 %
Silver (Ag)	Max. 0,0005 %	Molybdenum (Mo)	Max. 0,0005 %
Total impurities	Max. 0,05 %		

Labels : H-314:Causes severe skin burns and eye damage. H-335:May cause respiratory irritation. H-400:Very toxic to aquatic life. P-309+311:IF exposed or if you feel unwell: Call a POISON CENTER or doctor/physician. P-305+351:If in eyes: Rinse cautiously with water for several minutes. P-338:Remove contact lenses, if present and easy to do. Continue rinsing. P-273:Avoid release to the environment.

