

Technical Data sheet**AMMONIA AQUEOUS, 20% (as NH3) w/w****Product Code** :027760 AMMONIA AQUEOUS, 20% (as NH3) w/w**Formula** :NH₄OH**Retest period** : 24 months**Standard Grade** : PA**Rev.:** 16/05/2012**General Information :**

Density	0,923 g/cm3
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 :

Appearance	Clear liquid	Color (Pt-Co)	Max. 10,0 APHA
Assay (Acidim.)	Min. 20,0 % NH3	Non-volatile matter	Max. 0,002 %
Carbon dioxide (CO2)	Max. 0,002 %	Chloride (Cl)	Max. 0,0001 %
Iron (Fe)	Max. 0,00001 %	Heavy metals (as Pb)	Max. 0,0001 %
Subst. reducing KMnO4	Max. 0,001 %O	Phosphate (PO4)	Max. 0,0001 %
Sulfide (S)	Max. 0,00001 %	Arsenic (As)	Max. 0,00001 %
Mercury (Hg)	Max. 0,00001 %	Cadmium (Cd)	Max. 0,00001 %
Lead (Pb)	Max. 0,000005 %	Zinc (Zn)	Max. 0,00001 %
Nickel (Ni)	Max. 0,000005 %	Chromium (Cr)	Max. 0,000005 %
Silicon (Si)	Max. 0,00002 %	Sodium (Na)	Max. 0,0002 %
Potassium (K)	Max. 0,0001 %	Magnesium (Mg)	Max. 0,00005 %
Manganese (Mn)	Max. 0,000001 %	Barium (Ba)	Max. 0,00001 %
Strontium (Sr)	Max. 0,0001 %	Tin (Sn)	Max. 0,000005 %
Germanium (Ge)	Max. 0,000002 %	Antimony	Max. 0,000002 %
Bismuth	Max. 0,000005 %	Titanium (Ti)	Max. 0,000005 %
Aluminum (Al)	Max. 0,00001 %	Cobalt (Co)	Max. 0,00001 %
Silver (Ag)	Max. 0,000002 %	Molybdenum (Mo)	Max. 0,000002 %
Gold (Au)	Max. 0,00001 %	Beryllium (Be)	Max. 0,00001 %
Calcium (Ca)	Max. 0,0001 %	Gallium (Ga)	Max. 0,000005 %
Indium (In)	Max. 0,000005 %	Lithium (Li)	Max. 0,000002 %
Platinum (Pt)	Max. 0,00001 %	Thalium (Tl)	Max. 0,000002 %

Vanadium (V)

Max. 0,000002 %

Zirconium (Zr)

Max. 0,000005 %

QUALITY
CHEMICALS 

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.

