



PRODUCT CODE: 471914

Hydroxylammonium Chloride (max. 0.000001% Hg) for analysis, ACS, ISO

H₄CINO
(NH₃OH)Cl

M.= 69,49

CAS [5470-11-1]

EINECS 226-798-2

TARIC 2825 10 00 90

SYNONYMS: Hydroxylamine Hydrochloride

PHYSICAL DATA: crystalline powder, crystals, White, Soluble in water 1.000 g/l at 20 °C D 1,67 • M.P.: 151 °C • pH(0.2 M sol.)3,2 •

BIBLIOGRAPHY: Merck Index **12**, 4.874 13, 4.853 Sax **HLN000** • Römp **8** , **1806** • Ullmann (**5.**)13 , 528 • Fieser **1478 2217 7176 9245 11257 15170** • ACS **XI** • ISO 6353/2-1983R - 15 , 21 •

HAZARDOUS: C.E: 612-123-00-2 • RTECS: NC 3675000 • LD50 oral mus 408 mg/kg • LD50 ipr mus 10 mg/kg



H: H290 • H351 • H312 • H302 • H373 • H319 • H315 • H317 • H400 •

P: P201 • P202 • P234 • P260 • P261 • P264 • P270 • P272 • P273 • P280 • P281 • P301+P312 • P302+P352 • P305+P351+P338 • P308+P313 • P312 • P314 • P321 • P322 • P330 • P332+P313 • P333+P313 • P337+P313 • P362 • P363 • P390 • P391 • P405 • P406 • P501 •

TRANSPORT REGULATIONS: UN: 1759 • ADR: 8/III • IMDG: 8/III • IATA: 8/III • PAX: 860 • CAO: 864 • (E) •

SPECIFICATIONS:

Minimum assay (Perm.)

99,5%

pH sol. 5 %	2,5-4,0
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Maximum limit of impurities

Acidity	0,25 meq/g
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Insoluble matter in C ₂ H ₅ OH	0,005 %
Insoluble matter in H ₂ O	0,005 %
Residue on ignition (as SO ₄)	0,01 %
Sulfur compounds (as SO ₄)	0,002 %
Ammonium (NH ₄)	0,05%
As	0,0001 %
Hg	0,000001 %
Heavy metals (as Pb)	0,0005%

Metals by ICP [in mg/Kg (ppm)]

Bi	5
Cd	5
Co	5
Cr	5
Cu	5
Fe	5
Ga	5
Ge	5
In	5
K	50
Mg	5
Mn	5
Na	50
Ni	5
Pb	5
Sr	5
Tl	5
V	5
Zn	5
Zr	5