



PRODUCT CODE: 131534

Potassium Thiocyanate (Reag. USP, Ph. Eur.) for analysis, ACS, ISO

CKNS

KSCN

M.= 97,18

CAS [333-20-0]

EINECS 206-370-1

TARIC 2842 90 80 80

SYNONYMS: Potassium Rhodanide, Potassium Sulphocyanide

PHYSICAL DATA: crystals, White, deliquescent, Soluble in water 2.170 g/l at 20 °C Thermal decom. above 500 °C • Hygroscopic • D 1,89 • M.P.: 173 °C • pH(50g/l)5 - 7 •

BIBLIOGRAPHY: Merck Index **12**, 7.866 13, 7.776 Sax **PLV750** • Safety **2** , **2911 C** • Römp **8** , **2026** • Beilstein **3** , **IV** , **301** • BRN 3594799 • Fieser 1954 • ACS **XI** • ISO 6353/3-1987 R - 86 , 61 •

HAZARDOUS: C.E: 615-004-00-3 • RTECS: XL 1925000 • LD50 oral hmn 80 mg/kg • LD50 oral mus 594 mg/kg • LD50 oral rat 854 mg/kg •



H: H332 • H312 • H302 • EUH032 • H412 •

P: P261 • P264 • P270 • P271 • P273 • P501 • P301+P312 • P302+P352 • P304+P340 • P312 • P322 • P330 • P363 •

SPECIFICATIONS:

Minimum assay (Arg.) 99,0%

pH of 5% solution 5,3-8,5

Maximum limit of impurities

Insoluble matter in H₂O 0,005 %

Insoluble matter in C₂H₅OH 0,01 %

Chloride (Cl) 0,005%

Ammonium (NH₄) 0,002%

Sulfate (SO ₄)	0,005%
Sulfide (S)	0,001 %
Iodine-consuming substances (I)	0,025%
Heavy metals (as Pb)	0,0005%
Cu	0,0005 %
Fe	0,0001 %
Na	0,005 %
Pb	0,0005 %