



**PRODUCT CODE: 131491**

**Potassium Cyanide (Reag. Ph. Eur.) for analysis, ACS, ISO**

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CKN  
KCN

M.= 65,12 CAS [151-50-8]  
TARIC 2837 19 00 90

EINECS 205-792-3

**PHYSICAL DATA:** Flakes or powder, White, Soluble in water 680 g/l at 20 °C Hygroscopic • D 1,52 • M.P.: 634,5 °C • pH11 - 12 •

**BIBLIOGRAPHY:** Merck Index **13**, 7.709 Sax **PLC500** • Safety **2** , **2898 B** • Römp **8** , **2015** • Kühn-Birett **K 6** • Beilstein **2** , **IV** , **56** • BRN 3592645 • Fieser **5553 7299 8409 10324 11433 12405** • ACS **XI** • ISO 6353/3-1987 R - 78 , 50 •

**HAZARDOUS:** C.E: 006-007-00-5 • RTECS: TS 8750000 • LD L0 oral man 2,857 mg/kg • LD50 oral hmn 2.857 mg/kg • LD50 oral rat 5 mg/kg • LD50 ipr mus 5,991 mg/kg VLA-EC (CN) 5 mg/m3



H: H330 • H310 • H300 • EUH032 • H410 •

P: P260 • P262 • P264 • P270 • P271 • P501 • P273 • P280 • P284 • P301+P310 • P302+P350 • P304+P340 • P310 • P320 • P321 • P322 • P330 • P361 • P363 • P391 • P403+P233 • P405 •

**TRANSPORT REGULATIONS:** UN: 1680 • ADR: 6.1/I • IMDG: 6.1/I • IATA: 6.1/I • PAX: 666 • CAO: 673 • (C/E) •

**OBSERVATIONS:** Product controlled as dual purpose. •

**SPECIFICATIONS:**

Minimum assay (Arg.)

97,0%

**Maximum limit of impurities**

Insoluble matter in H <sub>2</sub> O	0,01 %
Chloride (Cl)	0,05%
Phosphate (PO <sub>4</sub> )	0,005 %
Sulfate (SO <sub>4</sub> )	0,02%
Sulfide (S)	0,001 %
Thiocyanate (SCN)	0,01%

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

Ag	5
As	10
Bi	5
Fe	100
Ge	10
Hg	5
In	5
Li	5
Mg	5
Na	5000
Pb	2
Sb	5
Se	5
Si	10
Sn	5
Zn	200