



**PRODUCT CODE: 121515**

**Potassium Hydroxide 85% pellets for analysis**

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HKO  
KOH

M.= 56,11

CAS [1310-58-3]

EINECS 215-181-3

TARIC 2815 20 00 00

**PHYSICAL DATA:** White lumps , pellets or flakes , translucent , caustic , deliquescent , absorbs CO<sub>2</sub> and moisture from the air, Soluble in water 1.120 g/l at 20 °C D 20/4 2,04 • M.P.: 360 °C • B.P.: 1.327 °C • pH(sol. 0.1 M)13,5 •

**BIBLIOGRAPHY:** Merck Index **12**, 7.806 13, 7.724 Sax **PLJ500** • Safety **2** , **2904 D** • Römp **8** , **2018** • Kühn-Birett **K 11** • Fieser **1935 2346 3238 4409 5557 6486 7303 8415 9387 11439 12411 13258** • ACS **XI** • ISO 6353/2-1983R - 24 , 32 • **BP.2018** • USP **-NF 36** • Ph. Eur. **8.0** (2014) **9.0** (2017) • F.C.C **10 11** • **BOE 243**(8-10-2009) • Regulation (EU) n° 231/2012 •

**HAZARDOUS:** C.E: 019-002-00-8 • RTECS: TT 2100000 • LD L0 oral rat 365 mg/kg • LD50 oral rat 273 mg/kg • VLA-EC 2 mg/m<sup>3</sup>



H: H302 • H314 • H290 •

P: P264 • P260 • P270 • P280 • P301+P312 • P301+P330+P331 • P303+P361+P353 • P304+P340 • P305+P351+P338 • P310 • P321 • P330 • P338 • P363 • P405 • P501 • P234 • P390 • P406 •

**TRANSPORT REGULATIONS:** UN: 1813 • ADR: 8/II • IMDG: 8/II • IATA: 8/II • PAX: 859 • CAO: 863 • (E) •

**OBSERVATIONS:** The form of the pellets can be affected by humidity and temperature. •

**SPECIFICATIONS:**

Minimum assay (Acidim.) 85%

**Maximum limit of impurities**

Insoluble matter in H<sub>2</sub>O 0,005 %  
Chloride (Cl) 0,005%  
Nitrogen compounds (as N) 0,001%  
Phosphate (PO<sub>4</sub>) 0,0005 %  
Sulfate (SO<sub>4</sub>) 0,002%  
Silicate (as SiO<sub>2</sub>) 0,01%  
Carbonate (as K<sub>2</sub>CO<sub>3</sub>) 1,0%

Al 0,001 %  
As 0,00005 %  
Ca 0,002 %  
Cd 0,0005 %  
Co 0,0005 %  
Cu 0,0005 %  
Fe 0,0005 %  
Mg 0,0005 %  
Mn 0,0005 %  
Na 0,5 %  
Ni 0,0005 %  
Pb 0,0005 %  
Zn 0,001 %