



PRODUCT CODE: 131515

Potassium Hydroxide 85% pellets for analysis, ACS

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 CO₂ 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/m3



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 H₂O

0,005 %

Chloride (Cl)

0,01%

Nitrogen compounds (as N)

0,001%

Phosphate (PO₄)

0,0005 %

Sulfate (SO₄)

0,003%

Carbonate (as K₂CO₃)

2,0%

Heavy metals (as Ag)

0,001%

Ca

0,005 %

Fe

0,001 %

Mg

0,002 %

Na

0,05 %

Ni

0,001 %

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