



PRODUCT CODE: 201515

Potassium Hydroxide 85% pellets (E-525, F.C.C.) food grade

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:

Assay (as KOH) total alkali	85,0-100,5%
Identity :	
Identity Potassium	passes test
Appearance	passes test
Insoluble substances	passes test
Carbonate (as K ₂ CO ₃), not more than	3,5%
Strongly alkaline 1% solution	passes test
Arsenic, not more than	3 ppm
Mercury, not more than	0,1 ppm
Lead, not more than	2 ppm

Specifications Regulation (UE) nº 231/2012, F.C.C. 11, R.D. 1466/2009

For use in foodstuffs according to Regulation (EC) nº 1333/2008 and F.C.C.

Ed.: 6 . Vig.: 13.09.2016 .

Prod.: 201515