

Potassium Hydroxide

Product Description

Name :	Potassium Hydroxide <i>Syn.: caustic potash</i>	K — OH
Catalog Number :	19490F , 1Kg 19490-B (large quantities)	
Structure :	KOH CAS: [1310-58-3] EC: [215-181-3]	
Molecular Weight :	56.11	
Storage:	Room temperature	
Density:	2.044 g/cm ³	Refractive index (nD) : 1.409 Acidity: pKa=13.5 (0.1 M)
Melting point :	406 °C, 679 K, 763 °F	Boiling point : 1327 °C, 1600 K, 2421 °F
Solubility in water :	97 g/100 mL (0 °C), 121 g/100 mL (25 °C), 178 g/100 mL (100 °C)	

Specifications

Test	Specifications	Test	Specifications
Appearance	white pellets	Heavy Metals (as Pb)	<0.003%
Purity :	>85 %	Potassium Carbonate	<3.5%
Moisture :	10-17 %		

Regulatory information

Hazard Statements:	H302 / H314
Precautionary Statements:	P280 / P302+P352 / P304+P340 / P305+P351+P338 / P310
Hazard Code:	hs05 ghs07
UN Number:	1813
Corrosive (C), Harmful (Xn)	R22, R35 (S1/2), S26, S36/37/39, S45



Hazard Code: UN Number: NONE

Regulatory information

Potassium hydroxide is an inorganic compound commonly called caustic potash. It is used as a strong base. It has many industrial and niche applications; most applications exploit its reactivity toward acids and its corrosive nature. KOH also serves as a desiccant, i.e. used to dry basic solvents, especially amines and pyridines.

Approximately 121 g of KOH will dissolve in 100 mL of water at room temperature. Lower molecular weight alcohols such as methanol, ethanol, and propanols are also excellent solvents.

Ordering information

[Order on-line](#) or [Contact](#) your local distributor.

For any information, please ask : Uptima / Interchim; Hotline : +33(0)4 70 03 73 06

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