

Product Specification

Product Name: POTASSIUM HYDROXIDE Pellets AR

Alternate Name(s) Caustic potash.

Description

White deliquescent pellets having a crystalline fracture.

Properties

Chemical Formula: KOH

Molecular Weight: 56.11

Product Code: PA161

CAS No.: 1310-58-3

General Information:

Melting point 405 °C (varies with the water content). In presence of moisture is corrosive to aluminium, zinc and tin. Reacts violently with acids. Reacts with ammonium salts evolving ammonia gas.

Quality Specification

Assay: 85.0 - 100.5%

Specific Properties and Impurities [Typical levels]:

Potassium carbonate (K ₂ CO ₃)	2.0%
Chloride (Cl)	0.01%
Nitrogen compounds (as N)	0.001%
Sulfate (SO ₄)	0.003%
Heavy metals	0.001%
Aluminium (Al)	0.00002%
Copper (Cu)	0.0002%
Iron (Fe)	0.001%
Lead (Pb)	0.0002%
Nickel (Ni)	0.001%
Silver (Ag)	0.0002%
Sodium (Na)	0.5%

Hazard and Safety Data

UN Group:	II
Class:	8
UN Number:	1813
Hazchem code:	2X
CS MSDS Code:	1CH5H
Poison schedule:	S6
Emergency Procedure Guide No.:	37

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