



Product Specification

Product Name: POTASSIUM HYDROXIDE LR

Alternate Name(s) Caustic potash.

Description

White deliquescent pellets having a crystalline fracture.

Properties

Chemical Formula:

Molecular Weight: 56.11

Product Code: PL161

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% min.

Specific Properties and Impurities [Typical levels]:

Potassium carbonate	≤ 2.0%
Chloride (Cl)	≤ 0.02%
Sulfate (SO ₄)	≤ 0.002%
Phosphate (PO ₄)	≤ 0.001%
Heavy metals (as Pb)	≤ 0.001%
Aluminium (Al)	≤ 0.00002%
Iron (Fe)	≤ 0.001%
Sodium (Na)	≤ 1.0%

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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