

DATA OF SPECIFICATION

Potassium Hydroxide /Caustic Potash /KOH

90%MIN

CAS No.:1310-58-3 EINECS No.:215-181-3 MF:KOH

Appearance:white flake

Specification:

Test Item	Specification	Analysis Results
KOH% ≥	90.0	90.3
K₂CO₃% ≤	0.5	0.3
Chloride(CL)% ≤	0.005	0.003
Fe% ≤	0.0002	0.0001
Sulfate(SO₄) % ≤	0.002	0.001
Nitrate and Nitrite(N)% ≤	0.0005	0.0002
Na% ≤	0.5	0.28
Phosphate(PO₄)% ≤	0.002	0.001
Silicate(SiO₃)% ≤	0.01	0.01
Al% ≤	0.001	0.0001
Ca% ≤	0.002	0.0003
Ni% ≤	0.0005	0.0002
Heavy metal(as Pb)% ≤	0.001	0.001

Applications:

Potassium hydroxide has many different functions and uses.

1. It is primarily used as an intermediate in industrial manufacturing processes, such as the manufacture of fertilizers, potassium carbonate or other potassium salts and organic chemicals.
2. It is also used in the manufacture of detergents and in alkaline batteries.
3. Small-scale uses include drain cleaning products, paint removers and degreasing agents.
4. manufacture of liquid soap; 5. mordant for wood;
6. absorbing CO₂; 7. mercerizing cotton;
8. paint and varnish removers; 9. electroplating, photoengraving and lithography;
10. printing inks; 11. in analytical chemistry and in organic syntheses.
12. Pharmaceutic aid (alkalizer).

Packaging, Storage and Transportation

25kg PP/PE bag;25 tons per 1x20' fcl without pallet,22.5 tons with pallet.

Storage: Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances. Keep away from strong acids. Keep away from water. Keep away from metals. Keep away from flammable liquids. Keep away from organic halogens

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