

CAUSTIC POTASH FLAKES



Cas Number: 1310-58-3

Other Names: Potassium hydroxide, Caustic potash,
Potash lye, Potassium hydrate

Formula: KOH

PRODUCT INTRODUCTION

Caustic potash (Potassium hydroxide) is an inorganic compound with the formula KOH, solution appears as a clear aqueous solution. Corrosive to metals and tissue. Noncombustible and commonly used in chemical manufacturing, petroleum refining, cleaning compounds.

PHYSICAL AND CHEMICAL PROPERTIES

KOH (Total alkali as KOH)	90.9 %
K ₂ CO ₃	0.2%
KCl	0.005%
Fe	0.2 ppm
NaOH	0.16 %
Ni	0.2 ppm
Appearance	White Flake

APPLICATIONS

- Caustic potash is generally used for industrial water treatment and is the precursor of potassium carbonate, several forms of potassium phosphate.
- It is also used in petroleum refining.
- The corrosive properties of potassium hydroxide make it a useful ingredient in agents and preparations that clean and disinfect surfaces and materials that can themselves resist corrosion by KOH.
- Potassium hydroxide is often the main active ingredient in chemical "cuticle removers" used in manicure treatments.
- Manufacturing liquid soap; mordant for wood; absorbing CO₂; mercerizing cotton; print and varnish removers; electroplating, photoengraving and lithography; printing inks; in analytical chemistry for alkalimetric titrations; in organic synthesis. Pharmaceutical aids (alkalizer) are some other uses of Caustic Potash.

PACKAGING OPTIONS

Drums

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