



KENCRO

CHEMICALS

SPECIFICATIONS: POTASSIUM HYDROXIDE SOLUTION (CAUSTIC POTASH 45%)

Description

Solutions are clear and colourless and are very hygroscopic, strongly alkaline and corrosive. Also referred to as Caustic Potash.

Physical Properties	45% Liquid
Total alkalinity as weight % KOH	45.0%/46.0%
Specific gravity (approx) at 15.5°C (60°F)	1.46
Crystallizing point (approx)	-30°C (-22°F)
Boiling point (approx) at 760mm Hg	133°C (271°F)

Chemical Properties	45% Liquid
Chlorides (as KCl)	50 ppm max
Carbonates (as K ₂ CO ₃)	0.2 wt% max
Potassium Chlorate (KClO ₃)	10 ppm. max
Sodium (Na)	0.25 wt% max
Iron (Fe)	2.0 ppm max
Sulphates (as K ₂ SO ₄)	30 ppm. max
Nickel (as Ni)	<0.3 ppm max
Mercury (Hg)	0.25 ppm max
Heavy Metals	10 ppm max
As (As ₂ O ₃)	1 ppm max

This product meets the specifications of The Food Chemicals Codex (FCC) and The National Formulary (The United State Pharmacopeia), ANSI/NSF 60

Safety

As with any chemical, Caustic potash requires care in handling. It is suggested that anyone involved with the procurement or handling of this chemical be familiar with the appropriate safety and handling precautions. Such information is available on the appropriate material and safety data sheet.

FOR FIRE HEALTH, SAFETY AND FIRST AID INFORMATION, PLEASE REFER TO MSDS

All statements, information, and data presented are believed to be accurate and reliable but are presented without guarantee, warranty, or responsibility

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