Summary Technical Data Sheet

Caustic Potash 90% Flake FG

Product Name: Caustic Potash 90% Flake FG
Synonyms: Potassium hydroxide; Caustic potash; Lye; KOH.
CAS Number: 1310-58-3
Formula: KOH
Molecular weight: 56.11 g/mol
Appearance: white solid flakes
Melting point: 361 °C
Solubility: 1120 g/L in water

Product Specifications

Properties	Specifications
KOH (total alkali as KOH)	≥ 90.00 %
K_2CO_3	< 0.44 %
KCl	< 150 ppm
Fe	≤ 2.0 ppm
Ni	≤ 4 ppm

Caustic Potash 90% Flake FG (Potassium hydroxide) is a strong base with numerous applications in detergents, food production, electroplating, and manufacturing of other potassium compounds. Caustic Potash is used as a stabilizer, pH adjuster, and thickening agent in foods.

Caustic Potash is an important precursor in detergents and soaps and results in improved softness, greater solubility and higher cleaning power compared to sodium hydroxide-derived soaps. Liquid cleaners and drain cleaners can contain 25 % or higher of potassium hydroxide. Caustic Potash acts as an electrolyte in alkaline batteries and in electroplating.

Storage and Handling:	Keep containers tightly closed in a cool, dark, ventilated place.
Packaging:	55 lb **/** 25 kg
Transport Regulations:	UN number: 1813. Class: 8. Packing group: II
	Proper shipping name: Potassium hydroxide, solid

The above information, while not guaranteed, reflects our analysis and believed to be accurate. It is the end user's responsibility, prior to use of the above mentioned product to determine the suitability of the product. Aqua Bond shall not be, directly or indirectly responsible for damages of any nature whatsoever resulting from the use or reliance upon the above information.
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