

## PRODUCT SPECIFICATION

### POTASSIUM HYDROXIDE 48%

<b>TRADE NAME</b>	:	POTASSIUM HYDROXIDE 48%
<b>CHEMICAL NAME</b>	:	POTASSIUM HYDROXIDE
<b>CHEMICAL FORMULA</b>	:	KOH
<b>CAS NO.</b>	:	1310-58-3
<b>UN NO.</b>	:	1814
<b>MOLECULAR WEIGHT</b>	:	56.1
<b>SYNONYMS</b>	:	Caustic Potash Solution, Potassium hydrate

ITEMS	UNITS	SPECIFICATION
Appearance	-	Clear, Odorless
Potassium Hydroxide (KOH)	%w/w	48.0 min.
Potassium Carbonate (K <sub>2</sub> CO <sub>3</sub> )	%w/w	0.2 Max
Potassium Chloride (KCl)	%w/w	0.01 Max
Ferric Oxide (Fe <sub>2</sub> O <sub>3</sub> )	%w/w	0.001 Max

**APPLICATION :**

Caustic Potash solution is a raw material which is utilised in the soap manufacture, bleaching, manufacture of Potassium Carbonate and Tetrapotassium Pyrophosphate, electrolyte in alkaline storage batteries and some fuel cells, absorbent for Carbon Dioxide and Hydrogen Sulfide, dyestuffs, liquid fertilizers, food additive, herbicides, electroplating, mercerizing, paint removers.

**STORAGE CONDITION :**

Store in cool, dry, well-ventilated area . Store way from incompatible material such as strong acids nitroaromatics ,nitroparaffinic or organohalogen compounds.

**STANDARD PACKAGING :**

Tank car, ISO tank, IBC tank and Drum 300 kgs.

**TRANSPORTATION INFORMATION :**

UN Number	:	1814
UN proper shipping name	:	POTASSIUM HYDROXIDE, SOLUTION
ADR/RID classification	:	8
Packaging Group	:	II
Hazard label	:	8

Risk Code

: 80

Issued Date : 01/07/2022 Revision 00