



Product Specification

cdhfinechemical.com

POTASSIUM HYDROXIDE 45% AQUEOUS SOLUTION AR

PRODUCT CODE	877970
SYNONYMS	--
C.I. NO.	--
CASR NO.	--
ATOMIC OR MOLECULAR FORMULA	--
ATOMIC OR MOLECULAR WEIGHT	--
PROPERTIES	--

PARAMETER	LIMIT
Description	A clear colourless solution.
Solubility	Soluble in water.
Minimum assay (acidimetric, KOH)	44 - 46%(w/w)



MAXIMUM LIMIT OF IMPURITIES

Carbonate (as K ₂ CO ₃)	1.0%
Chloride (Cl)	0.002%
Sulphate (SO ₄)	0.0005%
Phosphate (PO ₄)	0.0005%
Silicate (SiO ₂)	0.005%
Total nitrogen (N)	0.0003%
Heavy metals (Pb)	0.0005%
Iron (Fe)	0.001%
Arsenic (As)	0.0001%
Magnesium (Mg)	0.005%
Copper (Cu)	0.001%
Calcium (Ca)	0.001%
Nickel (Ni)	0.0005%
Sodium (Na)	0.5%

Note(s) : Assay (if applicable) method mentioned.

DANGER Hazard statements : Harmful if swallowed. May be corrosive to metals. Causes severe skin burns and eye damage. Causes serious eye damage. Causes serious eye damage. Precautionary statements Prevention : Keep only in original container. Do not breathe dust/fume/gas /mist/ vapours/spray. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Wear protective gloves/protective clothing/eye protection/face protection. Response : IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/ physician. Rinse mouth. Wash contaminated clothing before reuse. Absorb spillage to prevent material damage.	IMDG Code : 8/II UN No. : 1814 IATA : 8
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Disposal: The chemical is disposed of by its slow addition to an excess of water. The final concentration should not be greater than 2% .Neutralize with 5% hydrochloric acid and run to waste with large quantities of running water.

Hazard Pictogram(s) :
 
GHS05 GHS07

Replace Date 29-Nov.-2018