



Product Specification

cdhfinechemical.com

POTASSIUM HYDROXIDE PELLETS AR

PRODUCT CODE	614365	
SYNONYMS	Caustic potash	
C.I. NO.	--	
CASR NO.	(1310-58-3)	
ATOMIC OR MOLECULAR FORMULA	KOH	
ATOMIC OR MOLECULAR WEIGHT	56.11	KOH
PROPERTIES	Hygroscopic; Rapidly absorbs moisture and CO₂ from the air and deliquesces.	

PARAMETER	LIMIT
Description	White deliquescent pellets.
Solubility	10% solution in water is clear, colourless.
Identification	Passes test.
Minimum Assay (Acidimetric)	85.0%

MAXIMUM LIMIT OF IMPURITIES	
Insoluble matter	0.01%
Carbonate (K ₂ CO ₃)	1.0%
Chloride (Cl)	0.002%
Total Nitrogen (N)	0.001%
Phosphate (PO ₄)	0.001%
Silicate (SiO ₂)	0.001%
Sulphate (SO ₄)	0.002%
Aluminium (Al)	0.001%
Calcium (Ca)	0.0025%
Copper (Cu)	0.0005%
Iron (Fe)	0.0005%
Lead (Pb)	0.0005%
Nickel (Ni)	0.0005%
Sodium (Na)	1.0%

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

DANGER Hazard statements : Toxic if swallowed.May be corrosive to metals Causes severe skin burns and eye damage. Precautionary statements Prevention : Do not eat, drink or smoke when using this product.Wash thoroughly after handling.Wear protective gloves/clothing and eye/face protection.Wash hands thoroughly after handling.Do not breathe dust or mist. Response : IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.Immediately call a POISON CENTER or doctor/physician.IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.Wash contaminated clothing before reuse.IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.Absorb spillage to prevent material damage.If on skin or hair: remove/take off immediately all contaminated clothing. Rinse withwater/shower.Specific treatment: refer to lable or MSDS	IMDG Code : 8/II UN No. : 1813 IATA : 8
Disposal: The chemical is disposed off 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.	



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Hazard Pictogram(s) :



GHS05



GHS06