

## POTASSIUM HYDROXIDE FLAKES AR

<b>PRODUCT CODE</b>	<b>614335</b>	
<b>SYNONYMS</b>	Caustic potash	
<b>C.I. NO.</b>	--	
<b>CASR NO.</b>	(1310-58-3)	
<b>ATOMIC OR MOLECULAR FORMULA</b>	KOH	<b>KOH</b>
<b>ATOMIC OR MOLECULAR WEIGHT</b>	56.11	
<b>PROPERTIES</b>	Hygroscopic; Rapidly absorbs moisture and CO <sub>2</sub> from the air and deliquesces.	

PARAMETER	LIMIT
Description	White deliquescent flakes.
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 <sub>2</sub> CO <sub>3</sub> )	1.0%
Chloride(Cl)	0.002%
Total Nitrogen (N)	0.001%
Phosphate(PO <sub>4</sub> )	0.001%
Silicate(SiO <sub>2</sub> )	0.001%
Sulphate(SO <sub>4</sub> )	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) : 1] Assay (if applicable) method mentioned.**

<p><b>DANGER</b>  <b>Hazard statements</b> :Toxic if swallowed. May be corrosive to metals. Causes severe skin burns and eye damage.  <b>Precautionary statements</b>  <b>Prevention:</b> 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.  <b>Response:</b> 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 with water/shower. Specific treatment: refer to Label or MSDS.</p>	<p>IMDG Code : 8/II  UN No. : 1813  IATA : 8</p>
<p><b>Disposal:</b> 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.</p>	



GHS05



GHS06



# Product Specification

[cdhfinechemical.com](http://cdhfinechemical.com)