

CDH

Product Specification

cdhfinechemical.com

POTASSIUM HYDROXIDE PELLETS

PRODUCT CODE	**H60145**
SYNONYMS	**Caustic potash**
C.I. NO.	**--**
CASR NO.	**(1310-58-3)**
ATOMIC OR MOLECULAR FORMULA	**KOH**
ATOMIC OR MOLECULAR WEIGHT	**56.11**
PROPERTIES	**Hygroscopic; Rapidly absorbs moisture and CO_2 from the air and deliquesces.**

KOH

PARAMETER	**LIMIT**
Description	White deliquescent pellets.
Solubility	10% solution in water is clear, colourless.
Minimum Assay (Acidimetric)	85.0%
pH (10% aq. solution)	Min. 10.5
MAXIMUM LIMIT OF IMPURITIES	
Chloride (Cl)	0.005%
Sulphate (SO_4)	0.003%
Iron (Fe)	0.001%
Phosphate (PO_4)	0.0005%
Heavy metals (Pb)	0.001%
Carbonate (K_2CO_3)	2.0%
Aluminum (Al)	0.00002%
Sodium (Na)	1.0%
Content of potassium (K)	Min. 59.9%

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.

Hazard Pictogram(s) :



GHS05



GHS06