



Product Specification

cdhfinechemical.com

POTASSIUM FORMATE AR

PRODUCT CODE	613715	
SYNONYMS	(Formic acid potassium salt)	
C.I. NO.	--	
CASR NO.	(590-29-4)	
ATOMIC OR MOLECULAR FORMULA	CHKO₂	CHKO₂
ATOMIC OR MOLECULAR WEIGHT	84.12	
PROPERTIES	Decomposes at higher temperature with evolution of H₂	

PARAMETER	LIMIT	
Description	White crystals/crystalline powder.	
Solubility	10% solution in water is clear and colourless.	
Minimum Assay (Non-aqueous)	99.0%	
pH (1 M in water at 25°C)	6 - 8.5	

MAXIMUM LIMIT OF IMPURITIES	
Chloride (Cl)	0.005%
Cobalt (Co)	0.005%
Nickel (Ni)	0.005%
Sulphate (SO ₄)	0.005%
Copper (Cu)	0.005%
Lead (Pb)	0.005%
Calcium (Ca)	0.005%
Iron (Fe)	0.005%
Zinc (Zn)	0.005%
Cadmium (Cd)	0.005%
Sodium (Na)	0.5%

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

WARNING Hazard statements :May cause respiratory irritation. Causes skin irritation. Causes serious eye irritation. Precautionary statements Prevention: Avoid breathing dust/fume/gas/mist/vapours/spray. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection. Response: 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. Call a POISON CENTER or doctor/physician if you feel unwell. If eye irritation persists: Get medical advice/attention.	IMDG Code : UN No. : IATA :
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Disposal: Dissolve the chemical to be disposed, in water and allow it to run to waste, diluting with large quantities of water. The quantities greater than 10g should be dissolved in water and transferred to heavy metal waste drums for collection by specialist disposal company.

Hazard Pictogram(s) :-----  GHS07

Replace date 30-May-2026