

# POTASSIUM NITRATE



## General Information

Chemical Formula	KNO <sub>3</sub>	
Synonym	Potassium nitrate	
Origin	China	
H.S. Code	28342100	
CAS No.	7757-79-1	
Molecular Weight	101.102 g mol <sup>-1</sup>	

## Application

Food industry	Used as thickening agent, as food preservative and as an agent to reduce cooking time for meats.
Fertilizer industry	Used in fertilisers as potassium nitrate is a major source of potassium and nitrogen macronutrients.
Others	Used in toothpastes, explosives etc

## Specification

Property	Units	Value
Appearance		White crystalline powder
Purity	%	99
Odour		odorless
Melting point	C	334
Boiling point	C	400
Solubility		Highly soluble in water.
Density	g/cm <sup>3</sup>	2.1

## Packaging

- 25kg net pp/pe neutral bag without pallets.
- 50kg woven bag