



Product Specification

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POTASSIUM NITRATE PURIFIED

PRODUCT CODE	029638
SYNONYMS	--
C.I. NO.	--
CASR NO.	(7757-79-1)
ATOMIC OR MOLECULAR FORMULA	KNO ₃
ATOMIC OR MOLECULAR WEIGHT	101.10
PROPERTIES	Dissolves in water with a lowering of the temperature.
PARAMETER	LIMIT
Description	Colourless / white crystals / crystalline powder.
Solubility	10% solution in water is clear and colourless.
Minimum Assay (Ion-exchange)	99.0%
MAXIMUM LIMIT OF IMPURITIES	
Chloride (Cl)	0.02%
Sulphate (SO ₄)	0.02%
Lead (Pb)	0.005%
Sodium (Na)	0.2%
Note(s) : Assay (if applicable) method mentioned.	
WARNING Hazard statements : May cause respiratory irritation. May intensify fire; oxidizer. Harmful if swallowed. Causes mild skin irritation. Causes serious eye irritation. Toxic to aquatic life Precautionary statements Prevention : Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Take any precaution to avoid mixing with combustible or incompatible materials. Keep away from heat. Response : If skin irritation occurs, seek medical advice/attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention. Wear eye/face protection. Specific treatment: refer to Label or MSDS.	
Disposal : Dissolve the chemical to be disposed, in water and allow it to run to waste, diluting with large quantities of water.	
Hazard Pictogram(s) :--	
 	
GHS03 GHS07	

Replace Date 26-Nov-2025