



Product Specification

cdhfinechemical.com

POTASSIUM NITRITE CRYSTAL

PRODUCT CODE	029639	
SYNONYMS	--	
C.I. NO.	--	
CASR NO.	(7758-09-0)	
ATOMIC OR MOLECULAR FORMULA	KNO₂	
ATOMIC OR MOLECULAR WEIGHT	85.10	KNO₂
PROPERTIES	Deliquescent. Insoluble in alcohol. Decomposition starts at 350°C.	

PARAMETER	LIMIT
Description	White to slightly yellow with a tan cast crystals or powder.
Solubility	Soluble in water.
Minimum Assay (KMnO ₄ titration)	97.0%
pH (5% in water at 25° C)	7.00-10.00

MAXIMUM LIMIT OF IMPURITIES		
Chloride (Cl)		0.1%
Calcium (Ca)		0.003%
Heavy Metals (Pb)		0.01%
Sulphate (SO ₄)		0.1%
Sodium (Na)		0.25%

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

DANGER Hazard statements : May cause respiratory irritation.May intensify fire; oxidizer.Toxic if swallowed.Causes mild skin irritation.Causes serious eye irritation.Very 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.IF SWALLOWED: Immediately call a POISON CENTER or doctor/ physician	IMDG Code : 5.1/II UN No. : 1488 IATA : 5.1
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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.

Hazard Pictogram(s) :



GHS03



GHS06



GHS09

Revised Date 05-05-2016