

POTASSIUM NITRITE AR/ACS

PRODUCT CODE	614805	
SYNONYMS	--	
C.I. NO.	--	
CASR NO.	(7758-09-0)	
ATOMIC OR MOLECULAR FORMULA	KNO₂	KNO₂
ATOMIC OR MOLECULAR WEIGHT	85.11	
PROPERTIES	Deliquescent. Insoluble in alcohol. Decomposition starts at 350°C.	




PARAMETER	LIMIT
Description	White to slightly yellow crystals.
Solubility	10% soln. in water is clear & bright.
pH (of 5% soln.in water)	7 - 10
Minimum Assay (Redox titration)	97.0%

MAXIMUM LIMIT OF IMPURITIES		
Insoluble matter		0.01%
Chloride (Cl)		0.03%
Sulphate (SO ₄)		0.005%
Calcium (Ca)		0.003%
Copper (Cu)		0.0005%
Iron (Fe)		0.0005%
Heavy Metals (Pb)		0.0005%
Magnesium (Mg)		0.002%
Sodium (Na)		0.5%

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

<p>DANGER</p> <p>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</p> <p>Precautionary statements</p> <p>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.</p> <p>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</p>	<p>IMDG Code : 5.1/II</p> <p>UN No. : 1488</p> <p>IATA : 5.1</p>
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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