




## POTASSIUM NITRITE AR/ACS

<b>PRODUCT CODE</b>	<b>614805</b>	
<b>SYNONYMS</b>	--	
<b>C.I. NO.</b>	--	
<b>CASR NO.</b>	(7758-09-0)	
<b>ATOMIC OR MOLECULAR FORMULA</b>	<b>KNO<sub>2</sub></b>	<b>KNO<sub>2</sub></b>
<b>ATOMIC OR MOLECULAR WEIGHT</b>	<b>85.11</b>	
<b>PROPERTIES</b>	Deliquescent. Insoluble in alcohol. Decomposition starts at 350°C.	
<b>PARAMETER</b>	<b>LIMIT</b>	
Description	White to slightly yellow with a tan cast crystals or powder.	
Solubility	Soluble in water.	
pH (of 5% soln.in water)	7 - 10	
Minimum Assay (Redox titration)	97.0%	
<b>MAXIMUM LIMIT OF IMPURITIES</b>		
Insoluble matter	0.01%	
Chloride (Cl)	0.03%	
Sulphate (SO <sub>4</sub> )	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%	
<b>Note(s) : Assay (if applicable) method mentioned.</b>		
<b>DANGER</b> <b>Hazard statements :</b> May cause respiratory irritation.May intensify fire; oxidizer.Toxic if swallowed.Causes mild skin irritation.Causes serious eye irritation.Very toxic to aquatic life <b>Precautionary statements</b> <b>Prevention :</b> 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. <b>Response :</b> 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
<b>Disposal:</b> Dissolve the chemical to be disposed, in water and allow it to run to waste, diluting with large quantities of water.		
<b>Hazard Pictogram(s) :</b>		
<div>    </div> <div>           GHS03                      GHS06                      GHS09         </div>		

Replace Date 22-Jan-2026