

## CHROMIUM NITRATE NONAHYDRATE AR

<b>PRODUCT CODE</b>	<b>495845</b>	
<b>SYNONYMS</b>	--	
<b>C.I. NO.</b>	--	
<b>CASR NO.</b>	<b>(7789-02-8)</b>	
<b>ATOMIC OR MOLECULAR FORMULA</b>	<b>Cr(NO<sub>3</sub>)<sub>3</sub>.9H<sub>2</sub>O</b>	<b>Cr(NO<sub>3</sub>)<sub>3</sub>.9H<sub>2</sub>O</b>
<b>ATOMIC OR MOLECULAR WEIGHT</b>	<b>400.15</b>	
<b>PROPERTIES</b>	--	

<b>PARAMETER</b>	<b>LIMIT</b>
Description	Bluish to dark violet shiny crystals/crystalline powder/chunks.
Solubility	Soluble in water.
Minimum assay	98 – 101%
pH of 5% solution	2.0 – 3.0
Melting range	About 60 <sup>0</sup> C

<b>MAXIMUM LIMIT OF IMPURITIES</b>	
Chloride (Cl)	0.003%
Sulphate (SO <sub>4</sub> )	0.01%
Iron (Fe)	0.05%
Potassium (K)	0.02%
Sodium (Na)	0.01%

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

<p><b>DANGER</b></p> <p><b>Hazard statements:</b> May cause respiratory irritation. May intensify fire; oxidizer. May be harmful if swallowed. Causes mild skin irritation. Causes serious eye irritation.</p> <p><b>Precautionary statements</b></p> <p><b>Prevention:</b> Wash hands thoroughly after handling. Take any precaution to avoid mixing with combustible or incompatible materials. Keep away from heat.</p> <p><b>Response:</b> If skin irritation occurs, seek medical advice/attention. Wear eye/face protection. If eye irritation persists, get medical advice/attention. IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p>	<p>IMDG Code : 5.1/III</p> <p>UN No. : 2720</p> <p>IATA : 5.1</p>
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**Disposal:** The quantities greater than 10g should be dissolved in dilute acid and transferred to heavy metal waste drum for collection by specialist disposal company.

Hazard Pictogram(s) :-	 
	<p>GHS03                      GHS07</p>

Replace date 09-May-2022