



# Product Specification

cdhfinechemical.com

## SODIUM PERCHLORATE AR

<b>PRODUCT CODE</b>	<b>645605</b>	
<b>SYNONYMS</b>	--	
<b>C.I. NO.</b>	--	
<b>CASR NO.</b>	(7791-07-3)	
<b>ATOMIC OR MOLECULAR FORMULA</b>	<b>NaClO<sub>4</sub>.H<sub>2</sub>O</b>	<b>NaClO<sub>4</sub>.H<sub>2</sub>O</b>
<b>ATOMIC OR MOLECULAR WEIGHT</b>	<b>140.46</b>	
<b>PROPERTIES</b>	--	

<b>PARAMETER</b>	<b>LIMIT</b>	
Description	Colourless crystals/white crystalline powder.	
Solubility	10% Solution in water is clear and colourless.	
Minimum assay (Argentometric)	99.0%	
pH (5% solution in water)	6.0 – 8.0	

<b>MAXIMUM LIMIT OF IMPURITIES</b>		
Insoluble matter	0.005%	
Chloride (asCl)	0.003%	
Sulphate (SO <sub>4</sub> )	0.002%	
Iron (Fe)	0.0005%	
Heavy metal (as Pb)	0.0005%	
Calcium (Ca)	0.02%	
Potassium (K)	0.05%	

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

<p><b>DANGER</b> <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. <b>Precautionary statements</b> <b>Prevention:</b> 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. 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 :-- 4UN No. :-- IATA :--</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) :-	 GHS03	 GHS07
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