



# Product Specification

cdhfinechemical.com

## SODIUM IODIDE AR/ACS

<b>PRODUCT CODE</b>	<b>644345</b>	
<b>SYNONYMS</b>	--	
<b>C.I. NO.</b>	--	
<b>CASR NO.</b>	<b>7681-82-5</b>	
<b>ATOMIC OR MOLECULAR FORMULA</b>	<b>NaI</b>	<b>NaI</b>
<b>ATOMIC OR MOLECULAR WEIGHT</b>	<b>149.89</b>	
<b>PROPERTIES</b>	<b>Moisture and light sensitive.</b>	
<b>PARAMETER</b>	<b>LIMIT</b>	
Description	White crystalline powder.	
Solubility	10% solution in water is clear and colourless.	
Identification (A & Test)	Passes test	
Minimum assay( after drying )	99.5%	
pH (of 5% solution at 25°C)	6.0 - 9.0	
<b>MAXIMUM LIMIT OF IMPURITIES</b>		
Loss on drying (at 105°C)	0.5%	
Water insoluble matter	0.01%	
Alkalinity	Passes test.	
Chloride & bromide (as Cl)	0.01%	
Iodate (IO <sub>3</sub> )	0.0003%	
Nitrate, nitrite and ammonia	Passes test	
Total Nitrogen (N)	0.002%	
Phosphate (PO <sub>4</sub> )	0.001%	
Sulphate (SO <sub>4</sub> )	0.005%	
Barium (Ba)	0.002%	
Calcium (Ca)	0.002%	
Iron (Fe)	0.0005%	
Heavy metals (as Pb)	0.0005%	
Magnesium (Mg)	0.001%	
Potassium (K)	0.01%	
Residual solvents	Meets the requirement	
Thiosulphate	Passes test.	
Note(s) : Assay (if applicable) method mentioned.		
<b>WARNING</b>		IMDG Code :
<b>Hazard statements</b> :Harmful if swallowed. Causes mild skin irritation. Causes eye irritation.		UN No. :
<b>Precautionary statements</b>		IATA :
<b>Prevention</b> :Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product.		
<b>Response</b> :IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If skin irritation occurs, seek medical advice/attention. If eye irritation persists, get medical advice/attention. Specific treatment: refer to Label or MSDS.		
<b>Disposal</b> : Dissolve the chemical to be disposed, in water and allow it to run to waste, diluting with large quantities of water.		



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Hazard Pictogram(s) :



GHS07