



# Product Specification

cdhfinechemical.com

## CALCIUM IODATE



PRODUCT CODE	027602	
SYNONYMS	--	
C.I. NO.	--	
CASR NO.	7789-80-2	
ATOMIC OR MOLECULAR FORMULA	Ca(IO <sub>3</sub> ) <sub>2</sub>	Ca(IO <sub>3</sub> ) <sub>2</sub>
ATOMIC OR MOLECULAR WEIGHT	389.88	
PROPERTIES	Soluble in water and nitric acid, insoluble in alcohol. Oxidiser.	

PARAMETER	LIMIT
Description	White to off white crystals/powder.
Solubility	1% Solution in dilute HNO <sub>3</sub> is clear and almost colourless.
Minimum assay (by Iodometric)	98.0%

MAXIMUM LIMIT OF IMPURITIES	
Sulphate (SO <sub>4</sub> )	0.05%
Heavy metals (Pb)	0.002%

**Note(s) : 1) Assay (if applicable) method mentioned.  
2 ) Because of inherent instability, this reagent may be expected to decrease in strength and to increase in acidity during storage. After storage for some time the reagent may fail to meet the specified requirements for assay and acidity. Store in a dry, cool place.**

<p><b>DANGER</b></p> <p><b>Hazard statements :</b> May cause respiratory irritation. May intensify fire; oxidizer. Harmful ifswallowed. Causes skin irritation. Causes serious eye irritation. May cause allergic orasthmatic symptoms or breathing difficulties if inhaled. May cause allergic skin reaction.</p> <p><b>Precautionary statements</b></p> <p><b>Prevention:</b> Wash hands thoroughly after handling. Wash thoroughly after handling. Incase of inadequate ventilation wear respiratory protection. Avoid breathingdust/fume/gas/mist/vapours/spray. Take any precaution to avoid mixing with combustible orincompatible materials. Keep away from heat. Do not eat, drink or smoke when using thisproduct. Contaminated clothing should not be allowed out of the workplace.</p> <p><b>Response:</b> Wear eye/face protection. If skin irritation occurs, seek medicaladvice/attention. If experiencing respiratory symptoms call a POISON CENTER ordoctor/physician. If skin irritation or rash occurs, seek medical advice/ attention. If eyeirritation persists, get medical advice/attention. IF INHALED: If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. IF IN EYES: Rinsecautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Remove/Take off immediately all contaminated clothing. Specific treatment: refer to Label or MSDS. Wash/ Decontaminate removed clothing before reuse. Wash contaminated clothing before reuse. IF ON SKIN: Gently wash with plenty of soap and water.</p> <p><b>Disposal:</b> Dissolve the chemical to be disposed, in water and allow it to run to waste, diluting with large quantities of water.</p>	<p>IMDG Code : 5.1/II UN No. : 1479 IATA : 5.1</p>
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<p><b>Hazard Pictogram(s) :</b></p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  GHS03         </div> <div style="text-align: center;">  GHS07         </div> </div>
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Replace Date 12-Dec.-2019