

**Calcium Iodate**

CAS No. 7789-80-2

**M.W. 389.88****Product Data Sheet**

PDS-CIA-R3

Effective 15/04/04

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<b>Description</b>	:	White to off-white powder.	
<b>Specifications</b>	:	Assay as Ca(IO <sub>3</sub> ) <sub>2</sub>	: 97.5% (Minimum)
		Iodine Content	: 63.5% (Minimum)
		Heavy Metals as Pb	: 10 mg/kg (Maximum)
		Arsenic as As	: 3 mg/kg (Maximum)
<b>Physical Properties</b>	:	Bulk Density (approx.)	: 1.6 grams/cc
		Particle Density	: 4.5 grams/cc
		Solubility	: About 4 gm in 1000 ml water at 30° Celsius
		<i>Note: Anti-caking agent can be added on request.</i>	

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<b>Packing</b>	:	25 Kg nett certified UN performance standard fibre drums with HM-HDPE inner bags. Palletized; stretch-wrapped.	
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<b>Stability</b>	:	Stable compound with long shelf life when stored properly. Best before three years from date of manufacture.	
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<b>Storage &amp; Handling</b>	:	Store in closed containers away from heat and moisture. Moderate fire hazard. Keep away from combustible materials.  Wear goggles and rubber gloves when handling bulk quantities. Harmful if swallowed. Avoid contact with eyes, skin, clothing. In case of spillage, collect into container for disposal. Flush with <i>plenty</i> of water.	
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<b>Uses</b>	:	Food Industry	: Additive and dough conditioner..
		Agriculture	: Animal feed supplement.
		Pharmaceutical	: Disinfectants, antiseptics & deodorants
		General	: Oxidizer

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<b>Shipping Information</b>	:	EINECS Nr.	: 232-191-3
		H.S. Tariff No.	: 2829.90.90
		UN No.	: UN 1479 Packaging Group : II
		IMDG Code:	
		Proper Shipping Name:	Oxidizing Solid N.O.S. (Calcium Iodate)
		Hazard Class	: 5.1 Oxidizing Substance
		EmS No.	: 5.1-11 MFAG Table No: 760
		Label	: Oxidizer
		Subsidiary Risk	: None
		Marine Pollutant	: No

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