





## CALCIUM NITRATE TETRAHYDRATE PURIFIED

<b>PRODUCT CODE</b>	<b>R01735</b>
<b>SYNONYMS</b>	--
<b>C.I. NO.</b>	--
<b>CASR NO.</b>	<b>13477-34-4</b>
<b>ATOMIC ORMOLECULAR FORMULA</b>	<b>Ca(NO<sub>3</sub>)<sub>2</sub>·4H<sub>2</sub>O</b>
<b>ATOMIC ORMOLECULAR WEIGHT</b>	<b>236.15</b>
<b>PROPERTIES</b>	—
<b>PARAMETER</b>	<b>LIMIT</b>
Description	Colourless deliquescent crystals.
Solubility	10% Solution in water is clear & colourless.
Minimum assay (ex Ca)	98.0%
<b>MAXIMUM LIMIT OF IMPURITIES</b>	
Chloride (Cl)	0.005%
Sulphate (SO <sub>4</sub> )	0.04%
Iron (Fe)	0.001%
Lead (Pb)	0.001%
Magnesium (Mg)	0.05%
<b>Note(s) : Assay (if applicable) method mentioned.</b>	
<b>WARNING</b> <b>HAZARD DANGER</b> Harmful if swallowed. Causes skin irritation. Causes serious eye damage. May cause respiratory irritation. <b>PRECAUTIONARY STATEMENTS</b> <b>Prevention:</b> Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray. Wash. thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well- ventilated area. Wear protective gloves/protective clothing/eye protection/face protection. <b>Response:</b> <b>IF SWALLOWED:</b> Call a POISON CENTER or doctor/physician if you feel unwell. <b>IF ON SKIN:</b> Wash with plenty of soap and water. <b>IF INHALED:</b> Remove victim to fresh air and keep at rest in a position. comfortable for breathing. <b>IF IN EYES:</b> Rinse cautiously with water for several minutes. Remove. Contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician. Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash before re- use	IMDG Code : -- UN No. : -- IATA : --
<b>Disposal :</b> The chemical should be mixed with combustible solvent and burnt in a chemical incinerator equipped with burner and scrubber	
Hazard Pictogram(s) :	
 	
GHS05                      GHS07	

Replace Date 1 April 2023

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