



## CALCIUM HYDROXIDE AR

<b>PRODUCT CODE</b>	<b>R04482</b>
<b>SYNONYMS</b>	--
<b>C.I. NO.</b>	--
<b>CASR NO.</b>	(1305-62-0)
<b>ATOMIC OR MOLECULAR FORMULA</b>	Ca(OH) <sub>2</sub>
<b>ATOMIC OR MOLECULAR WEIGHT</b>	74.09
<b>PROPERTIES</b>	Slightly soluble in water, soluble in glycerol, syrup and acids. Insoluble in alcohol. Absorbs carbon dioxide from air.
	$\text{Ca}^{2+} \begin{array}{l} \text{O}^- - \text{H} \\ \text{O}^- - \text{H} \end{array}$
<b>PARAMETER</b>	<b>LIMIT</b>
Description	A fine white powder.
Solubility	10% solution in dil. HCl is clear.
Minimum assay (Acidimetric)	96.0%
<b>MAXIMUM LIMIT OF IMPURITIES</b>	
Hydrochloric acid insoluble matter	0.1%
Calcium carbonate	3.0%
Chloride (Cl)	0.005%
Sulphur compounds (as SO <sub>4</sub> )	0.1%
Arsenic (As)	0.0004%
Iron (Fe)	0.05%
Lead (Pb)	0.001%
Substances not ppted by ammonium oxalate	2.5%
<b>Note(s) : Assay (if applicable) method mentioned.</b>	
<b>WARNING</b>	IMDG
<b>HAZARD DANGER</b> Harmful if swallowed. Causes skin irritation. Causes serious eye damage. May cause respiratory irritation.	Code : --
<b>PRECAUTIONARY STATEMENTS</b>	UN No. : --
<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.	IATA : --
<b>Response:</b> IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. IF ON SKIN: Wash with plenty of soap and water. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. IF IN EYES: 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	
<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) :	

: Regd Office, 201, MM Nagar, Ahmedabad (Gujarat)

Email: [rehsiffscientific@gmail.com](mailto:rehsiffscientific@gmail.com), [www.rehsiffscientific.com](http://www.rehsiffscientific.com)



ISO 9001:2008 Co.



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Manufacture & Importer of  
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: Regd Office, 201,MM Nagar, Ahmedabad (Gujarat)

Email: [rehsiffscientific@gmail.com](mailto:rehsiffscientific@gmail.com), [www.rehsiffscientific.com](http://www.rehsiffscientific.com)

