



Product Specification

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CALCIUM HYDROXIDE AR

PRODUCT CODE	479955	
SYNONYMS	--	
C.I. NO.	--	
CASR NO.	(1305-62-0)	
ATOMIC OR MOLECULAR FORMULA	Ca(OH)₂	
ATOMIC OR MOLECULAR WEIGHT	74.09	
PROPERTIES	Slightly soluble in water, soluble in glycerol, syrup and acids. Insoluble in alcohol. Absorbs carbon dioxide from air.	Ca^{2+} $O-H$ $O-H$



PARAMETER	LIMIT
Description	A fine white powder.
Solubility	10% solution in dil. HCl is clear.
Minimum assay (Acidimetric)	96.0%

MAXIMUM LIMIT OF IMPURITIES	
Hydrochloric acid insoluble matter	0.1%
Calcium carbonate	3.0%
Chloride (Cl)	0.005%
Sulphur compounds (as SO ₄)	0.1%
Arsenic (As)	0.0004%
Iron (Fe)	0.05%
Lead (Pb)	0.001%
Substances not ppted by ammonium oxalate	2.5%

Note(s) : Assay (if applicable) method mentioned.

WARNING HAZARD DANGER Harmful if swallowed. Causes skin irritation. Causes serious eye damage. May cause respiratory irritation.	IMDG Code : -- UN No. : -- IATA : --
PRECAUTIONARY STATEMENTS Prevention: 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. Response: 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	

Disposal : 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 30-Nov.-2019