

## BARIUM CARBONATE AR

PRODUCT CODE	H05607	
SYNOMYS	--	
C.I. NO.	--	
CASR NO.	513-77-9	
ATOMIC OR MOLECULAR FORMULA	$BaCO_3$	
ATOMIC OR MOLECULAR WEIGHT	197.34	
PROPERTIES	--	
PARAMETER	LIMIT	
Description	A white to off white powder.	
Solubility	10% soln. in dilute HCl and water is almost clear and colourless.	
Minimum assay (trace metal analysis)	99.99%	
<b>MAXIMUM LIMIT OF IMPURITIES</b>		
Substances insoluble dilute hydrochloric acid	0.015%	
Chloride (Cl)	0.002%	
Sulphide (S)	0.001%	
Calcium (Ca)	0.02%	
Iron (Fe)	0.001%	
Lead (Pb)	0.001%	
Strontium (Sr)	0.3%	
Substances oxidisable (NO <sub>3</sub> )	0.005%	
Hydroxide & alkali carbonate as [Ba(OH) <sub>2</sub> ]	0.015%	
Substances not precipitated by sulphuric acid (SO <sub>4</sub> )	0.2%	
<b>Note(s) : Assay (if applicable) method mentioned.</b>		
<b>WARNING</b>	<b>Hazard statements :</b> May cause respiratory irritation. Causes skin irritation. Causes serious eye irritation. <b>Precautionary statements</b> <b>Prevention:</b> Avoid breathing dust/fume/gas/mist/vapours/spray. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection. <b>Response:</b> IF INHALED: Remove 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. Call a POISON CENTER or doctor/physician if you feel unwell. If eye irritation persists: Get medical advice/attention. <b>Disposal:</b> Dissolve the chemical to be disposed, in water and allow it to run to waste, diluting with large quantities of water.	<b>IMDG Code :</b> <b>UN No.</b> : <b>IATA</b> :
Hazard Pictogram(s) :		
	 GHS07	

Replace Date 12-Jan-2026