



## BARIUM HYDROXIDE OCTAHYDRATE PURIFIED

<b>PRODUCT CODE</b>	<b>R01076</b>	
<b>SYNONYMS</b>	—	
<b>C.I. NO.</b>	—	
<b>CASR NO.</b>	<b>12230-71-6</b>	
<b>ATOMIC OR MOLECULAR FORMULA</b>	<b>Ba(OH)<sub>2</sub>.8H<sub>2</sub>O</b>	<b>Ba(OH)<sub>2</sub>.8H<sub>2</sub>O</b>
<b>ATOMIC OR MOLECULAR WEIGHT</b>	<b>315.47</b>	
<b>PROPERTIES</b>	<b>Absorbs carbon dioxide from air; soluble in water, alcohol, ether.</b>	
<b>PARAMETER</b>	<b>LIMIT</b>	
Description	Moist colourless crystals which absorbs carbon dioxide from the atmosphere.	
Solubility	4% Solution in dilute hydrochloric acid and water is clear and colourless.	
Minimum assay (acidimetric)	97.0%	
<b>MAXIMUM LIMIT OF IMPURITIES</b>		
Alkalies (Na)	0.2%	
Chloride (Cl)	0.005%	
Nitrate (NO <sub>3</sub> )	0.005%	
Carbonate (BaCO <sub>3</sub> )	2.0%	
Iron (Fe)	0.005%	
Lead (Pb)	0.005%	
<b>Note(s) : Assay (if applicable) method mentioned.</b>		
<b>WARNING</b>	IMDG Code : 8/II	
<b>HAZARD DANGER</b> Harmful if swallowed. Causes skin irritation. Causes serious eye damage. May cause respiratory irritation.	UN No. 3262	
	IATA 8	
<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: 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		
<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) :		
<p>GHS05      GHS07</p>		

Replace Date 1 April 2023

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