

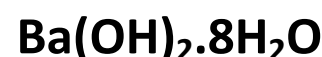


# Product Specification

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## BARIUM HYDROXIDE OCTAHYDRATE PURIFIED

<b>PRODUCT CODE</b>	<b>027295</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>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%

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

<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> 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	IMDG Code : 8/11 UN No. : 3262 IATA : 8
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**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 03-Dec.-2018