



BARIUM HYDROXIDE OCTAHYDRATE AR/ACS

PRODUCT CODE	461915	
SYNONYMS	—	
C.I. NO.	—	
CASR NO.	12230-71-6	
ATOMIC OR MOLECULAR FORMULA	Ba(OH) ₂ .8H ₂ O	
ATOMIC OR MOLECULAR WEIGHT	315.47	Ba(OH) ₂ .8H ₂ O
PROPERTIES	Absorbs carbon dioxide from air; soluble in water, alcohol, ether.	
PARAMETER	LIMIT	
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)	98.0%	
MAXIMUM LIMIT OF IMPURITIES		
HCl insoluble matter	0.005%	
Chloride (Cl)	0.001%	
Sulphide (S)	0.0005%	
Carbonate (BaCO ₃)	2.0%	
Calcium (Ca)	0.002%	
Iron (Fe)	0.0005%	
Lead (Pb)	0.0005%	
Strontium (Sr)	0.5%	
Subs. not ppted by H ₂ SO ₄ (as Sulphate)	0.2%	
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 : 8/II UN No. : 3262 IATA : 8	
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 combustile solvent and burnt in a chemical incinerator equipped with burner and scrubber		
Hazard Pictogram(s) :		
 		
GHS05 GHS07		

Replace Date 03-Dec.-2018