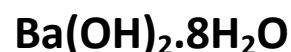


BARIUM HYDROXIDE OCTAHYDRATE AR/ACS

PRODUCT CODE	461915
SYNONYMS	—
C.I. NO.	—
CASR NO.	12230-71-6
ATOMIC OR MOLECULAR FORMULA	Ba(OH)₂.8H₂O
ATOMIC OR MOLECULAR WEIGHT	315.47
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.notppted by H ₂ SO ₄ (as Sulphate)	0.2%

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

<p>WARNING HAZARD DANGER Harmful if swallowed. Causes skin irritation. Causes serious eye damage. May cause respiratory irritation.</p> <p>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</p>	<p>IMDG Code : 8/11 UN No. : 3262 IATA : 8</p>
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Disposal : The chemical should be mixed with combustibile solvent and burnt in a chemical incinerator equipped with burner and scrubber

<p>Hazard Pictogram(s) :</p> <div style="display: flex; justify-content: center; gap: 20px;">   </div> <p style="text-align: center;">GHS05 GHS07</p>
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Replace Date 03-Dec.-2018