



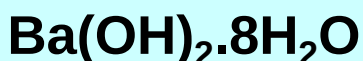
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Quality Control Dept.



Product Specification

E Control	QC2\DATAD\ID:IPSI37295XPS.xls
PRODUCT CODE	37295
PRODUCT NAME	BARIUM HYDROXIDE OCTAHYDRATE PURIFIED
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
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)	97.0%
MAXIMUM LIMIT OF IMPURITIES	
Alkalies (Na)	0.2%
Chloride (Cl)	0.005%
Nitrate (NO ₃)	0.005%
Carbonate (BaCO ₃)	2.0%
Calcium (Ca)	0.01%
Iron (Fe)	0.005%
Lead (Pb)	0.005%

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

DANGER

Hazard statements: Harmful if swallowed. May be corrosive to metals. Causes severe skin burns and eye damage. Causes serious eye damage. Harmful to terrestrial vertebrates.

Precautionary

statements

Prevention: Keep only in original container. Do not breathe dust/fume/gas/mist/vapours/spray. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Wear protective gloves/protective clothing/eye protection/face protection.

Response: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. 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. Immediately call a POISON CENTER or doctor/physician. Rinse mouth. Wash contaminated clothing before reuse. Absorb spillage to prevent material damage.

IMDG Code : 8/II
UN No. : 3262
IATA : 8

Disposal: Dissolve the chemical in dilute acid and neutralize the excess acid with sodium carbonate and run to the normal waste with large amount of water. Any sand used to cover spillage should be thoroughly washed with water before disposal as normal waste. Alternatively the neutralized solution can be put in a container and disposed off. The quantities greater than 10g should be dissolved in dilute acid and transferred to heavy metal waste drum for collection by specialist disposal company. The chemical waste should be collected by specialized disposal company.

Hazard Pictogram(s) :



Corrosive to metals

Prepared By :	Checked By:	Approved By:	Issue Date : 01.07.2002
Name/Dept. : Officer (Q.A.)	Name/Dept.:Incharge(Q.A.)	Name/Dept. : Incharge (Tech.)	Revision No. : 03
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