



SDFCL

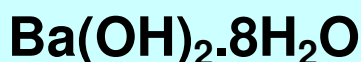
s d fine-CHEM LIMITED

Quality Control Dept.



Product Specification

E Control	QC2\DATAD\D:\PS\20827XPS.xls
PRODUCT CODE	20827
PRODUCT NAME	BARIUM HYDROXIDE OCTAHYDRATE AR
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 CO ₂ from 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 pptd by H ₂ SO ₄ (as Sulphate)	0.2%

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

DANGER

Hazard statements: Harmful if swallowed. Maybe 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 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: -----

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.: 02
Sign. :	Sign. :	Sign. :	Revision dt. : 02.04.2010.
Date : 01.04.2010	Date : 01.04.2010	Date : 02.04.2010	AMEND NO. : 1554

