



Product Specification

cdhfinechemical.com

BARIUM CHLORIDE DIHYDRATE AR/ACS

PRODUCT CODE	461815	
SYNONYMS	—	
C.I. NO.	—	
CASR NO.	10326-27-9	
ATOMIC OR MOLECULAR FORMULA	BaCl₂.2H₂O	H ₂ O
ATOMIC OR MOLECULAR WEIGHT	244.27	Cl—Ba—Cl
PROPERTIES	Insoluble in alcohol. Combustible. Thermal decom. Above 100°C.	H ₂ O

PARAMETER LIMIT

Description	Colourless crystals or crystalline powder.
Solubility	10% solution in water is clear and colourless.
Assay (Argentometric)	99.0-100.5%
pH (of 5% solution in water)	5.0-8.0

MAXIMUM LIMIT OF IMPURITIES

Insoluble matter	0.005%
Nitrate (NO ₃)	0.001%
Calcium (Ca)	0.01%
Copper (Cu)	0.0005%
Iron (Fe)	0.0002%
Lead (Pb)	0.0005%
Strontium (Sr)	0.05%

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

<p>DANGER</p> <p>Hazard statements : May cause respiratory irritation. Toxic if inhaled. Toxic in contact with skin. Toxic if swallowed. Causes mild skin irritation.</p> <p>Precautionary statements</p> <p>Prevention: Wear protective gloves/clothing. Use only outdoors or in a well ventilated area. Do not breathe dust/fume/gas/mist/vapours/spray. Avoid breathing dust/fume/gas /mist/vapours/spray. Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling.</p> <p>Response: Immediately call a POISON CENTER or doctor/physician. If skin irritation occurs, seek medical advice/attention. Keep container tightly closed. IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. IF ON SKIN: Gently wash with plenty of soap and water. Call a POISON CENTER or doctor/physician if you feel unwell. Specific treatment: refer to Label or MSDS. IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Remove/Take off immediately all contaminated clothing. Wash/Decontaminate removed clothing before reuse.</p>	<p>IMDG Code : 6.1/III</p> <p>UN No. : 1564</p> <p>IATA : 6.1</p>
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Disposal: Dissolve the chemical to be disposed, in water and allow it to run to waste, diluting with large quantities of water.

Hazard Pictogram(s) :-



GHS06

Replace Date 03-Dec.-2018