

BARIUM CARBONATE AR

PRODUCT CODE H05607

SYNONYMS --

C.I. NO. --

CASR NO. 513-77-9

ATOMIC OR MOLECULAR FORMULA BaCO₃

ATOMIC OR MOLECULAR WEIGHT 197.34



PROPERTIES --

PARAMETER **LIMIT**

Description A white powder.

Solubility 10% soln. in dilute HCl and water is almost clear and colourless.

Minimum assay (trace metal analysis) 99.99%

MAXIMUM LIMIT OF IMPURITIES

Substances insoluble dilute hydrochloric acid 0.015%

Chloride (Cl) 0.002%

Sulphide (S) 0.001%

Calcium (Ca) 0.02%

Iron (Fe) 0.001%

Lead (Pb) 0.001%

Strontium (Sr) 0.3%

Substances oxidisable (NO₃) 0.005%

Hydroxide & alkali carbonate as [Ba(OH)₂] 0.015%

Substances not precipitated by sulphuric acid (SO₄) 0.2%

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

WARNING

Hazard statements : May cause respiratory irritation. Causes skin irritation. Causes serious eye irritation.

Precautionary statements

Prevention: Avoid breathing dust/fume/gas/mist/vapours/spray. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection.

Response: 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. Call a POISON CENTER or doctor/physician if you feel unwell. If eye irritation persists: Get medical advice/attention.

Disposal: Dissolve the chemical to be disposed, in water and allow it to run to waste, diluting with large quantities of water.

IMDG Code :

UN No. :

IATA :

Hazard Pictogram(s) :



GHS07