

## BARIUM CARBONATE AR

**PRODUCT CODE** H05607

**SYNONYMS** --

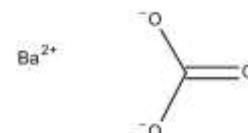
**C.I. NO.** --

**CASR NO.** 513-77-9

**ATOMIC OR MOLECULAR FORMULA** BaCO<sub>3</sub>

**ATOMIC OR MOLECULAR WEIGHT** 197.34

**PROPERTIES** --



**PARAMETER** **LIMIT**

Description A white to off 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 (NO<sub>3</sub>) 0.005%

Hydroxide & alkali carbonate as [Ba(OH)<sub>2</sub>] 0.015%

Substances not precipitated by sulphuric acid (SO<sub>4</sub>) 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

Replace Date 12-Jan-2026