

**Technical Data sheet****BARIUM HYDROXIDE 8-HYDRATE**

---

**Product Code** :030820 BARIUM HYDROXIDE 8-HYDRATE**Formula** :Ba(OH)<sub>2</sub>·8H<sub>2</sub>O**Retest period** : 60 months**Standard Grade** : RA**Rev.:** 10/01/1992

---

**General Information :**

|            |              |
|------------|--------------|
| Mol weight | 315,47 g/mol |
| CAS Nr     | 12230-71-6   |
| C.E.E. Nr  | 056-002-00-7 |
| EINECS Nr  | 241-234-5    |
| HS code    | 28164000     |

**Transport :**

|                  |            |
|------------------|------------|
| ADR/RID Class    | 6.1/III,T5 |
| UN Nr            | 1564       |
| Danger           | 60         |
| Transport Labels | 6.1        |
| IMDG Code        | 6.1/III    |
| IATA Code        | 6.1        |
| IATA Group       | III        |
| CAO Code         | 677        |
| PAX Code         | 670        |

---

**Specifications :**

|                                   |               |  |              |
|-----------------------------------|---------------|--|--------------|
| Assay (Acidim.)                   | Min. 98,0 %   | Subst. insoluble in HCl                            | Max. 0,005 % |
| Carbonato (en BaCO <sub>3</sub> ) | Max. 2,0 %    | Chloride (Cl)                                      | Max. 0,001 % |
| Sulfide (S)                       | Max. 0,001 %  | Iron (Fe)  | Max. 0,001 % |
| Heavy metals (as Pb)              | Max. 0,0005 % | Subst.not precip.by H <sub>2</sub> SO <sub>4</sub> | Max. 0,2 %   |
| Calcium (Ca)                      | Max. 0,05 %   | Strontium (Sr)                                     | Max. 0,8 %   |

---

**Labels :** H-302:Harmful if swallowed. H-314:Causes severe skin burns and eye damage. H-332:Harmful if inhaled. P-260:Do not breathe dust/fume/gas/mist/vapours/spray. P-280:Wear protective gloves/protective clothing/eye protection/face protection. P-301+310:IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. P-303+361+353:IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. P-305+P351+P338:Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. P-501:Dispose of contents/container in accordance with local/regional/national/international regulations,

---

