|  |
| --- |
| **CALCIUM CARBONATE** PRECIPITATED **AR** |
| **PRODUCT CODE** | **R04480** |
| **SYNONYMS** | **Carbonic acid calcium salt.** |
| **C.I. NO.** | **--** |
| **CASR NO.** | **(471-34-1)** |
| **ATOMIC OR MOLECULAR FORMULA** | **CaCO3** |
| **ATOMIC OR MOLECULAR WEIGHT** | **100.09** |
| **PROPERTIES** | **Noncombustible, soluble in acids with** |
|  | **evolution of carbon dioxide.** |
| **PARAMETER** | **LIMIT** |
| Description | A fine, white or colourless microcrystalline powder. |
| SolubilityIdentification Minimum assay | Practically insoluble in water; soluble in dilute hydrochloric acid. Passes test.99.5% |
| **MAXIMUM LIMIT OF IMPURITIES** |
| Chloride (Cl) | 0.005% |
| Sulphate (SO4) | 0.005% |
| Hydrochloric acid insoluble matter | 0.005% |
| Copper (Cu) | 0.005% |
| Iron (Fe) | 0.001% |
| Heavy metals (Pb) | 0.0005% |
| Potassium (K) | 0.005% |
| Sodium (Na) | 0.2% |
| **Note(s) : Assay (i f applicable) method mentioned.** |
| **WARNING** | IMDG Code : -- |
| **Hazard statements:** Not hazardous. No hazards. | UN No. | : -- |
| **Precautionary statements** | IATA | : -- |
| **Prevention: ----------------------------------------------** |  |
| **Response: -----------------------------------------------** |  |
| **Disposal:--------** |  |
| **Hazard Pictogram(s) :-------------------------------------** |

Replace Date 1 April 2023

