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| **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. | | |
| Solubility  Identification 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

