



## Product Specification

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### ALUMINIUM OXIDE ACTIVATED (BASIC)

|                                                   |                                |                |
|---------------------------------------------------|--------------------------------|----------------|
| PRODUCT CODE                                      | H01395                         |                |
| SYNONYMS                                          | (Alumina)                      |                |
| C.I. NO.                                          | --                             |                |
| CASR NO.                                          | (1344-28-1)                    |                |
| ATOMIC OR MOLECULAR FORMULA                       | Al <sub>2</sub> O <sub>3</sub> |                |
| ATOMIC OR MOLECULAR WEIGHT                        | 101.96                         |                |
| PROPERTIES                                        | Hygroscopic.                   |                |
| PARAMETER                                         | LIMIT                          |                |
| Description                                       | Almost white fine powder.      |                |
| Adsorption capacity (o-nitroaniline)              | 1 mg/g                         |                |
| Activity Grade (Brockmann)                        | 1                              |                |
| Particle size (60-325 Mesh BSS)                   | Min. 90%                       |                |
| pH (10% aq. Suspension)                           | 9.5 – 10.5                     |                |
| MAXIMUM LIMIT OF IMPURITIES                       |                                |                |
| Water soluble matter                              | 0.2%                           |                |
| Chloride (Cl)                                     | 0.01%                          |                |
| Sulphate (SO <sub>4</sub> )                       | 0.01%                          |                |
| Iron (Fe)                                         | 0.01%                          |                |
| Heavy metals (Pb)                                 | 0.01%                          |                |
| Note(s) : Assay (if applicable) method mentioned. |                                |                |
| WARNING                                           |                                | IMDG Code : -- |
| Hazard statements :                               |                                | UN No. : --    |
| Precautionary statements                          |                                | IATA : --      |
| Prevention: Response:                             |                                |                |
| Disposal:                                         |                                |                |
| Hazard Pictogram(s) :                             |                                |                |