**Product Data Sheet**

**Pharma 400 USP**

**Description and applications**
Pharma 400 USP is a high purity, high brightness talc product milled to 400 mesh size and heat treated to control microbial organisms. Pharma 400 USP conforms to US Pharmacopeia 35 - NF30 monograph requirements and Food Chemical Codex VII edition specifications and is recommended for use in pharmaceutical and food applications. Pharma 400 USP is manufactured according to the IPEC Excipient GMP guidelines.

**Typical properties**
- 325 Mesh, % passing: 99.9
- Brightness, GEB: 88
- Acid Solubles, %: 0.5
- Average Moisture, wt%: 0.3
- Loose Bulk Density, lbs/ft³: 14
- Tapped Bulk Density, lbs/ft³: 38

**Mineral analysis (by X-ray Diffraction)**
- Talc, %: 98
- Dolomite, %: 1
- Chlorite, %: 1

**Pharmacopeia**
- US Pharmacopeia 35-NF30: Compliant with talc monograph
- European Pharmacopeia 7th edition: Compliant with talc monograph
- Japanese Pharmacopeia 16: Compliant with talc monograph
Also meets British, Chinese and Korean Pharmacopeia requirements.

**Food additive compliance**
- European Directive 95/2/EC: Talc registered for use as food additive under EC number E553b (Annex IV)
- European Directive 2008/84/EC: Pharma 400 USP complies with required purity criteria for use as food additive
- Food Chemical Codex VII edition: Pharma 400 USP complies with required purity criteria for use as food additive

**Nomenclature**: INCI name: Talc; CAS n° 14807-96-6; EINECS n° 238-877-9; CI: 77 718; JSCI: 41

**Particle size distribution** (by Sedigraph)
- Median Diameter: 4.5 microns

**Micrograph** (by Scanning Electron Microscopy)

Notice: Although the data listed are typical, they are not production specifications. The supplier provides the data in good faith as typical of normal production, however it makes no warranty or representation of any kind, express or implied, regarding the information given or product described including any warranty of suitability for a particular purpose.

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