# Technical Data Sheet

## Talc Powder (Soap & Detergent)

### Description

Talc Powder is pure, odorless, and free from impurities. Talc Powder is cost- effective filler in soaps and detergents to provide creamier lather, improve foaming, and impart a soft and silky skin feel. Talc Powder is an alternative for expensive base oils. Talc Powder is mostly added to body soaps for imparting whiteness and helps in cleansing away dirt and grime from skin surface. As a powder, it absorbs moisture well and helps cut down on friction, making it useful for keeping skin dry and helping to prevent rashes. It is widely used in cosmetic products such as baby powder and adult body and facial powders, as well as in several other consumer products. Talc Powder is not only used in Body Talc (Talcum Powder) and Toilet Soaps, but also in Detergents and Washing Powder.

Talc Powder is a hydrous Magnesium Silicate and its chemical composition would correspond to 63.5% Silica ($Si0_2$), 31.7% Magnesia (MgO) and 4.8% water ($H_20$).

### Uses

1. In soaps, Talc Powder is mainly used as filler. The consumption of Talc Powder in Soap, varies between 10 to 50% depending on the quality and type of soap. It also acts as a binding agent and gives hardness to the cake.
2. In detergent powder also, Talc Powder acts as a carrier of detergents and also reduces the cost. Due to its natural quality of being inert and harmless to skin, it is the most popular filler. Talc Powder for Detergent/Soap Industries acts as a carrier of detergents and also reduces the cost. Due to the natural quality of being inert and harmless to skin, Talc Powder for Detergent Industries is the most popular filler.
3. We offer the Talc Powder for Soap and Detergent Industry at the competitive market price to the customers.

### Typical Physical & Chemical

| Batch No. | Test | Standard | Result | Remarks |
|---|---|---|---|---|
| 250421 Tested on August 10, 2025 | Top Cut –D98 (µm) | 32 ± 2 | 31.2 | Pass |
| | Whiteness L -Value | 96 ± 2 | 96 .61 | Pass |
| | Moisture Content (%) | Max. 035 | 0.21 | Pass |
| | LOI (%) | 6 ± 1 | 6.2 | Pass |
| | pH | 9 ± 1 | 9.5 | Pass |
| | SiO2 (%) | 58 ± 2 | 58.91 | Pass |
| | MgO (%) | 30 ± 2 | 31.11 | Pass |
| | CaO (%) | 1.5 ± 0.5 | 1.69 | Pass |
| | Al2O3 (%) | 3.0 ± 1 | 3.3 | Pass |
| | Fe2O3 (%) | 2.5 ± 0.5 | 2.7 | Pass |
| | TiO2 (%) | 0.15 ± 0.05 | 0.16 | Pass |
| | Asbestos | Nil | Nil | Pass |

### Remarks:

1. Color (Y & L) Value corresponds to the value takennftom Konica Minolta Chroma Meter CR – 410 (Japan) 2. Particle Size is checked on Bettersizer 2600 3. Moisture of material is checked on Shimadzu Moisture Analyzer @130°C by selecting auto measurement process.

### Packaging

25 Kg PP Laminated bag, and in in Jumbo bags.

**Origin**: Pakistan

46-B Judicial Colony Phase 1, Lahore Pakistan +92 42 32081767 info@bluesealtraders.com; fawadsheikh14@gmail.com
www.bluesealtraders.com