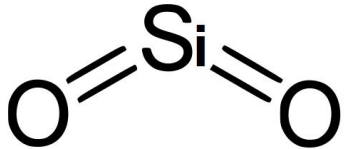


M/S. BIMAL PHARMA PVT. LTD MUMBAI (INDIA)	FINISHED PRODUCT INFORMATIONS
QUALITY CONTROL AND ASSURANCE	PRODUCT : SILICON DIOXIDE
MSDS no. BPPL 170 (Available on Request)	SPECIFICATION NO. FP 170 (Enclosed)

1. **NOMENCLATURE** : Silicon Dioxide
: Precipitated Silica
: Silicon Dioxide, Amorphous
2. **CAS NO.** : 7631-86-9 / 112926-00-8
3. **HSN CODE** : 38249025
4. **EMPIRICAL FORMULA** : SiO₂
5. **MOL. WT.** : 60.08
6. **MELTING POINT** : 1710 °C
7. **STRUCTURAL FORMULA** : 
8. **DESCRIPTION** : White, Amorphous Powder.
: Odorless Powder, free flowing.
9. **APPLICATION IN** : As a Food Anti-caking Agent it improves flow properties of the product, and prevents caking & lumping.
: It offers faster production Rates & increased capacity.

M/S. BIMAL PHARMA PVT. LTD MUMBAI (INDIA)	FINISHED PRODUCT INFORMATIONS
QUALITY CONTROL AND ASSURANCE	PRODUCT : SILICON DIOXIDE (FCC GRADE, E 551) (US FDA : 21CFR:Part 211)
MSDS no. BPPL 170 (Available on Request)	SPECIFICATION NO. FP 170 (Enclosed)

1. **DESCRIPTION** : Fine, white odorless powder free from signs of impurity.
2. **SOLUBILITY** : Insoluble in Water.
3. **PH (5.0% Water Suspension):** 6.0 to 7.0
4. **LEAD CONTENT (HEAVY METALS)** : NMT 5 mg / kg. (5 ppm Max)
5. **ARSENIC (AS As)** : NMT 3 mg / kg. (3 ppm Max)
6. **IRON CONTENT (FERRIC)** : NMT 200 mg/kg. (200 ppm Max)
7. **SOLUBLE SALTS** : NMT 1.0%
8. **LOSS ON DRYING (105 °C, 3 hrs)** : 6.0% Maxi.
9. **LOSS ON IGNITION (1000 °C; 2 HRS)** : 6.0% Maxi.
10. **WATER ABSORPTION** : 260% Mini
11. **ASSAY (SiO₂, ANHY. BASIS)** : 98.5 % to 100.0%
12. **PACKING** : 20 Kgs. PP Bags with single LDPE Liners.

M/S. BIMAL PHARMA PVT. LTD MUMBAI (INDIA)	FINISHED PRODUCT INFORMATIONS
QUALITY CONTROL AND ASSURANCE	PRODUCT : SILICON DIOXIDE (FCC GRADE, E 551) (US FDA : 21CFR:Part 211)
MSDS no. BPPL 170 (Available on Request)	SPECIFICATION NO. FP 170 (Enclosed)

ADDITIONAL PARAMETERS

1. **OIL ABSORPTION** : 240 mini
(CC / 100 gm)
2. **DBP ABSORPTION** : 260 mini
(cc / 100 gm)
3. **AVERAGE PARTICLE SIZE** : 10.0 to 20.0 Microns
4. **RESIDUE ON 325 MESH** : 1.0% maxi
5. **BULK DENSITY (TAPPED)** : 80.0 to 130 gm / Lit