

M/S. BIMAL PHARMA PVT. LTD MUMBAI (INDIA)	FINISHED PRODUCT INFORMATIONS
QUALITY CONTROL AND ASSURANCE	PRODUCT : SELENIUM DIOXIDE
MSDS No. BPPL 174 (Available on Request)	SPECIFICATION NO. FP 174 (Enclosed)

1. **NOMENCLATURE** : Selenium Dioxide
: Selenious Anhydride
: Selenium IV Oxide
2. **CAS NO.** : 7446-08-4
3. **HSN CODE** : 30049049
4. **EMPIRICAL FORMULA** : SeO_2
5. **MOL. WT.** : 110.96
6. **MELTING POINT** : 315 °C
7. **STRUCTURAL FORMULA** : **O = Se = O**
8. **DESCRIPTION** : White, Crystalline Powder.
: Odorless Powder, free flowing.
9. **APPLICATION IN** : As an Oxidizing Agent in Chemical Synthesis
: Used in Toner in Photographic Developing
: As a Health Ingredient
: As LR / AR / ACS Chemicals.

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1. **DESCRIPTION** : White Crystalline Powder
2. **SOLUBILITY** : Very Soluble in Water
: Soluble in Alcohol & Benzene
3. **pH (10% solution)** : 2.0 to 3.0
4. **LEAD CONTENT
(HEAVY METALS)** : NMT 5 mg / kg. (0.005% Max)
5. **INSOLUBLES RESIDUE
IN WATER** : NMT 0.01%
6. **LOSS ON DRYING
(105 °C, 3 hrs)** : 0.50% Maxi.
7. **ELEMENTAL SELENIUM** : 71.0 %
8. **ASSAY (ANHY. BASIS)** : 98.0% to 99.5%
9. **MICROBIAL TESTING** :
TOTAL PLATE COUNT : Less than 10 / Gms.
E.COLI : -Ve.
SALMONELLA : -Ve.
10. **PACKING** : 1 kg / 5 kgs, Plastic Jars
: 25 Kgs. Fibre Drum
with PE Liners
11. **STORAGE** : In well closed Container
: In Cool, Dry & well-Ventilated place
: Away from water / Humidity.