



# HANS CHEMICALS PRIVATE LIMITED

Regd. Off: 407, Panchsheel -2A, Raheja Township, L.S. Raheja Cross Road No.3, Malad- East, Mumbai-400097, Maharashtra, India.

Email:hanschemicalspl@gmail.com CIN:U24100MH2004PTC148312, Website : www.hanschemicals.in

## TECHNICAL DATA SHEET

### CUPROUS OXIDE – RED

Cuprous Oxide – Red (Copper (I) Oxide , $\text{Cu}_2\text{O}$ ) is Dark Red powder. It is used in Marin paints, as Catalyst, in Brazing Paste, Glass & Ceramic pigment, Anti Fungal treatment for plant seeds, Ferrite magnet Lubricants, etc.

#### Specification:

- Molecular Formula :  $\text{Cu}_2\text{O}$
- Molecular Weight : 143.08
- CAS No. : 1317-39-1
- Method of Manufacturing : Electrolytic
- Apparent Density : 1.5 to 2.0 gm/cc.
- Appearance : Dark Red Powder
- Copper Content : 87% Min.
- Cuprous Oxide : 97% Min.
- Cupric Oxide : 1% Max.
- Free Copper : 0.5 % Max.
- Reducing Power : 97% Min.
- Acid Insoluble ( Nitric) : 0.1% Max.
- Volatile Matter : Nil
- Moisture : 0.1% Max.
- Other Metallic Impurities : 0.5% Max.
- Other Anionic Impurities : 0.5% Max.
- Oil Absorption : 11-13 gm/cc.
- Mesh : 99% Passing through 300 mesh.