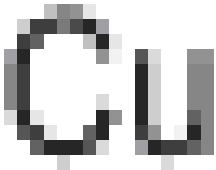




## COPPER ATOM

| Item          | Value   |
|---------------|---|
| PRODUCT NAME  | copper atom   |
| PRODUCT IMAGE |    |
| CAS NUMBER    | 7440-50-8   |
| WEIGHT        | 63.55   |
| FORMULA       | Cu  |
| PROPERTIES    | <p>Melting point: : 1083.4&amp;#160;#x00b0C(lit.)<br/> Boiling point: : 2580 &amp;degC<br/> Density : 8.92<br/> Flash point: : -23&amp;#160;#176C;<br/> storage temp. : 2-8&amp;degC<br/> form : wire<br/> color : Rust-brownish<br/> Specific Gravity : 8.92<br/> Resistivity : 1.673 <math>\mu\Omega</math>-cm, 20 ° C<br/> Water Solubility : insoluble<br/> Sensitive : air sensitive<br/> Merck : 13,2545<br/> Stability: : Stable. Incompatible with strong acids, active halogen compounds, chlorine, fluorine, iodine, bromine, ammonia. May react explosively with strong oxidizing agents.<br/> InChIKey : RYGMFSIKBFXOCR-UHFFFAOYSA-N<br/> CAS DataBase Reference : 7440-50-8(CAS DataBase Reference)<br/> NIST Chemistry Reference : Copper(7440-50-8)<br/> EPA Substance Registry System : Copper(7440-50-8)</p> |

| Item   | Value   |
|--------|---|
| SAFETY | Hazard Codes:F,N,Xi,Xn<br>Risk Statements:17-36/38-11-52/53-67-65-62-51/53-48/20-38-53-50/53-50-68/20/21/22-20/21/22<br>Safety Statements:5-26-16-61-62-36/37-60-36<br>RIDADR:UN 3089 4.1/PG 2<br>WGK Germany:3<br>RTECS:GL5325000<br>F:10<br>TSCA:Yes<br>HazardClass:4.1<br>PackingGroup:III<br>HS Code:74081100<br>Hazardous Substances Data:7440-50-8(Hazardous Substances Data) |