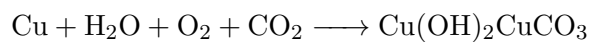

Expression of Reaction of copper with moist air



Reactants in reaction of copper with moist air

- Copper
- Moisture
- Oxygen
- Carbondioxide

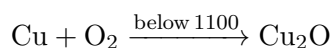
Products in reaction of copper with with moist air

- Malachite

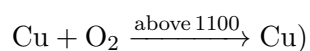
List of conditions of reaction of copper with direct oxygen

- Below 1100 Celsius
- Above 1100 Celsius

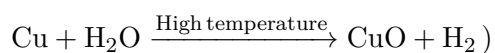
Expression of reaction of copper with direct oxygen below 1100 C



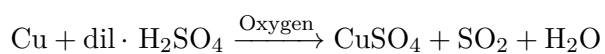
Expression of reaction of copper with direct oxygen above 1100 C

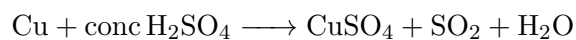
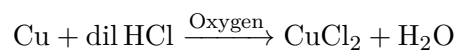
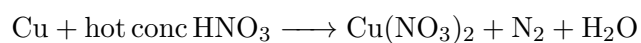
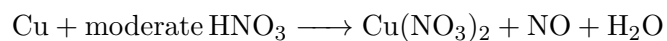
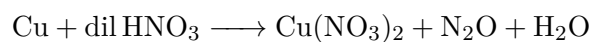
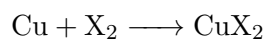


Expression of reaction of copper with water



Expression of reaction of copper with dil Sulphuric acid



Expression of reaction of copper with conc Sulphuric acid**Expression of reaction of copper with dil Hydrochloric acid****Expression of reaction of copper with hot conc Nitric acid****Expression of reaction of copper with conc Nitric acid****Expression of reaction of copper with Moderate Nitric acid****Expression of reaction of copper with dil Nitric acid****Expression of reaction of copper with Halogen****Products in reaction of copper with direct oxygen above 1100 Celsius**

- Cuprous oxide

Colour of cuprous oxide

Red

Products in reaction of copper with direct oxygen above 1100 Celsius

- Cupric oxide

Colour of cupric oxide

Black

Reactants in reaction of copper with water

- Copper
- Water

Products in reaction of copper with water

- Cupric oxide
- Hydrogen

Condition of reaction in copper with water

High Temperature

Products in reaction of copper with dil sulphuric acid

- Copper sulphate
- Sulphur dioxide
- Water

Condition of reaction in copper with dil sulphuric acid

Presence of Oxygen

Products in reaction of copper with conc sulphuric acid

- Copper sulphate
- Sulphur dioxide
- Water

Products in reaction of copper with dil hydrochloric acid

- Cupric chloride
- Water

Condition of reaction in copper with dil hydrochloric acid

Presence of air

Products in reaction of copper with hot conc nitric acid

- Cupric nitrate
- Nitrogen
- Water

Products in reaction of copper with conc nitric acid

- Cupric nitrate
- Nitrogen dioxide
- Water

Products in reaction of copper with moderate nitric acid

- Cupric nitrate
- Nitrogen oxide
- Water

Products in reaction of copper with dil nitric acid

- Cupric nitrate
- Dinitrogen oxide
- Water

Products in reaction of copper with halogen

- Cupric halide

Condition of reactants in reaction in copper with displacement reaction

Salts of less reactive metals