

*Ammonium chloride

Used in treatment of **Cocaine Poisoning**

Group 1B Coinage Metal (Cu, Ag, Au)

- Copper/ Cu

3rd most **malleable** and **conductor**

Water purifier via protein precipitate

Used for **Utilization of Fe** in the body

Important Alloys: **Brass**- Cu+ Zn

Bronze- Cu+ Sn

Toxicity: **Wilson's disease**- treatment: **Penicillamine**

Menke's Disease- kinky hair syndrome

*Cu acetoarsenite

Known as **Paris green**

Used as insecticide

*Cu Sulfate

Known as **BLUE vitriol**

Antidote for **Phosphorus Poisoning**

Used as oxidizing agent in **Fehling's** and **Benedict's test**

- Silver / Ag

Argentum/Luna

Shining bright

Best **Conductor** of Heat and Electricity

*Silver nitrate/ AgNO₃

Lapiz infernalis

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Page 4 of 17

2nd Triad

- Ruthenium / Ru- Catalyst
- Rhodium / Rh- Catalyst
- Palladium / Pd- finely divided steel

3rd Triad

- Osmium / Os
- Platinum / Pt –
Cisplatin and Carboplatin
both used as antineoplastic

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Page 17 of 17