

## Microorganisms: Friend and Foe

### Uses of Some Common Metals and non-metals

#### Uses of some Common Metals

Main uses of some common metals are listed below:

Metal	Main Uses
Iron	For making bridge s , engine parts , iron sheets and bars used in construction, steels etc .
Coppe	For making electrical wires and cables , utensils , kettles , coins etc ; for making alloys
Silve	For making jewellery , in electroplating, in photography , silvering of mirrors
Gold	For making jewellery , for de corative purposes , in photography for toning
Mercury	Used in the rmometers and barometer
Aluminium	For making electrical wires and cables , dome sticutensils , alloys , metallic paints , aluminium foil for packaging
Lead	For making automobile batteries , lead pipes , alloys suc h as solder, protective screen for X- ray machines , for manufacturing many chemical compounds and paints .

**Uses of Some Common Nonmetals Main**

uses of some common nonmetals are listed below:

Nonmetal	Main Uses
Carbon	In the form of diamond, it is used for making jewellery, cutting and grinding equipments. In the form of graphite it is used for making black lead pencils, and high temperature crucibles
Sulphur	For the manufacture of gun powder, Sulphuric acid and in the vulcanization of rubber
Phosphorus	For the manufacture of matchsticks, rat poison, phosphoric acid and fertilizers.
Oxygen	Supporter of combustion, for respiration by living organisms.
Nitrogen	For manufacturing ammonia, nitric acid etc .
Chlorine	For bleaching, sterilizing water, manufacturing chlorine compounds
Hydrogen	As a fuel, in oxygen-hydrogen flame used in welding For manufacturing ammonia, hydrogen chloride, vegetable ghee by hydrogenation of oils, and as a reducing agent.

Iodine	For preparing iodised common salt , tinc ture iodine is used as an antiseptic .
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