

Neutralisation in Everyday Life



Indigestion:

Too much acid in the stomach causes indigestion. It is neutralized by taking antacid-like milk of magnesia.

Ant sting:

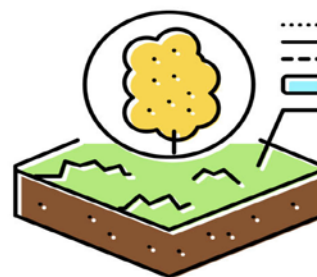
When an ant bites, it injects formic acid into the skin. The effect is neutralized by rubbing moist baking soda (sodium hydrogen carbonate) or calamine (containing zinc carbonate).



Soil treatment:

When the soil is too acidic, it is neutralized by treating with quicklime (calcium oxide) or slaked lime (calcium hydroxide).

1. To neutralise the acidity of the soil, we use bases such as quick lime (CaO) i.e. Calcium Oxide or slaked lime; $\text{Ca}(\text{OH})_2$.
2. To neutralise the basicity of soil we use organic wastes, earthworms, and other forms of living or dead organisms.



Factory wastes:

Wastes containing acids from the factory flow into water bodies which can harm and kill aquatic life therefore, these acidic wastes are neutralised by adding basic substances.

