

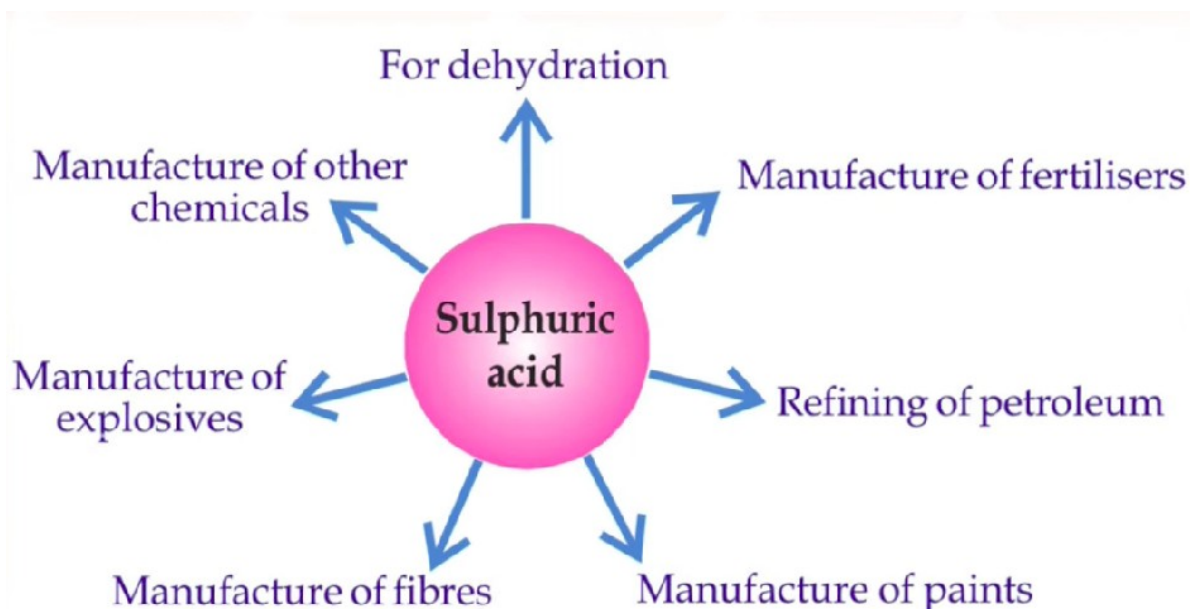
Chemistry- X- Unit -5. Class - 30

Compounds of Non - Metals

Sulphuric Acid (H₂SO₄)

Sulphuric acid is known as king of chemicals .

Uses of Sulphuric acid

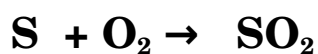


Industrial production of sulphuric acid

Industrial production of sulphuric acid is known as contact process

Steps

Sulphur is burnt in oxygen to produce sulphur dioxide



SO₂ again combines with oxygen to produce sulphur trioxide



SO₃ is now dissolved in concentrated sulphuric acid.



The product thus formed is known as Oleum.

Sulphuric acid is produced by dissolving Oleum in water



Physical properties

Colourless.

Comparatively high viscosity.

Highly corrosive.

Denser than water.

Dissolves in water

Questions

1. The Industrial production of sulphuric acid is known as

(Contact process, Haber process, Ostward process)

2. Which catalyst is used during the Industrial production of Sulphuric acid ?

3. Write any three uses of Sulphuric acid.
