

CHAPTER

14

**CHEMICAL EFFECTS OF
ELECTRIC CURRENT****Classification of electrolytic conductors:**

In electrolytic conductors electricity is carried with help of ions.

- If a given solution contains large no of ions and the ions can have fastly, the solution can conduct large quantity of electricity.
- Hence based on their ability to conduct electricity electrolytic substances are classified as,

Strong, Weak and Non – electrolytes.

Strong electrolytes:

The substances that gets ionized strongly and allow large amount of electricity to pass strong bases, salts.

Weak electrolytes:

The substances that are not completely ionized and allow only small amount of electricity to pass through them.

Ex. Weak acids, Weak bases

Non-electrolytes:

The substances that does not get ionized and do not allow current to pass through them.

Ex. Glucose, Sugar, Urea