**LIPIDS**

* Group of heterogenous organic compounds
* **Structural nature –** esters / amides of FA (fatty acids)
* **Soluble in –** non – polar solvents ; **Insoluble in –** water
* **Naturally found in –** plants, animals, microorganism
* **Include –** FA, phospholipids, sterols, sphingolipids, terpenes etc.
* **FUNCTION OF LIPIDS –**

1. Insulators
2. Assisting in maintenance of body temperature
3. Steroid hormones – regulate various physiological processes
4. Diet – provides essential FA + facilitate absorption of fat – soluble vitamins

* **PROPERTIES OF LIPIDS –**

1. **Formed from –** hydrocarbon chains
2. **Heterogenous in nature**
3. **Composition –** fats + oils (triglycerides) – efficient energy storage molecules – provide a concentrated source of energy when broken down
4. **Stored in –** kidney
5. **Hydrophobic –** repel water ; do not dissolve in it