

Fat (glyceride) an ester composed of glycerol and fatty acids

Fatty acid a long – chain carboxylic acid

Filtration a method for separating the components of a mixture containing a solid and a liquid

First law of thermodynamics a law stating that the energy of the universe is constant

Fission the process of using a neutron to split a heavy nucleus into two nuclei with smaller mass numbers

Fossil fuel a fuel that consists of a carbon – based molecules derived from decomposition of once – living organisms; coal, petroleum, or natural gas

Frequency the number of waves (cycles) per second that pass a given point in space

Fuel cell a galvanic cell for which the reactants are continuously supplied

Functional group an atom or group of atoms in hydrocarbon derivatives that contains elements in addition to carbon and hydrogen

Fusion the process of combining two light nuclei to form a heavier, more stable nucleus