















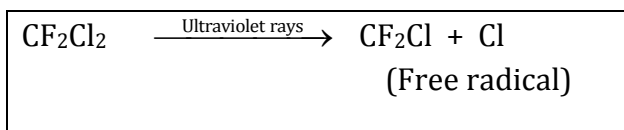




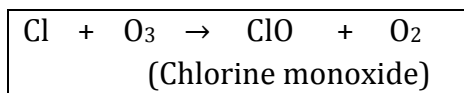
2. Excessive use of chlorofluorocarbon: It is released by refrigerators and air conditioning systems.

It causes reduction in the ozone layer which protects us from harmful ultraviolet rays (UV radiations) of the Sun.

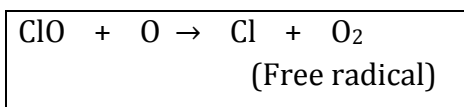
The chlorofluorocarbons are decomposed by the ultraviolet rays to highly reactive chlorine which is produced in the atomic form.



The free radical [Cl] reacts with ozone to form chlorine monoxide.



This causes depletion of the ozone layer. Chlorine monoxide then reacts with atomic oxygen to produce more chlorine free radicals.



This free radical destroys ozone, and the process continues, depleting the ozone layer.