

CFC substitutes are not so friendly

'Ozone friendly' chemicals, HCFs and HCFCs, are replacing ozone-damaging chlorofluorocarbons (CFCs). Scientists say 400,000 tonnes of these CFC substitutes will be released each year into the environment

1. CFC substitutes rise into the upper atmosphere

2. HFCs are considered harmless but HCFCs can damage the ozone layer

3. They retain the earth's heat and stop it from radiating into space

4. Scientists say this could increase the greenhouse effect by 10 per cent and raise world temperatures

Ozone layer

Layer of greenhouse gases

Atmosphere

Earth's surface

Sunlight

Trapped heat

Radiated heat

CFC substitutes are used in and released from aerosols, cleaning solvents, fridges and plastic foam

