

Introduction to Chemistry

Section 1.1 The Stories of Two Chemicals

In your textbook, read about the ozone layer.

The words of the boxes below just need to complete the passage.

atmosphere	oxygen gas	ozone	ozone hole
stratosphere	hydrophobic	ultraviolet radiation	

Earth's **OS** _____ is made up of several layers. The air molecules make up the lowest level. This layer is called the **OS** _____. The next layer up is called the **OS** _____. This layer contains a protective _____.

OS _____ layer _____

Called **ozone-rich OS** _____, it is made by ultraviolet radiation in the upper part of the atmosphere. The ozone layer's layer around Earth, which shields _____

OS _____. Without ozone, you get more **OS** _____ to get a rash or possibly skin cancer. The missing of the ozone layer called the **OS** _____ is considered because without ozone all organisms on Earth are subject to more harmful _____.

In your textbook, read about chlorofluorocarbons.

The words statements below, indicate as follows:

- _____ **1.** CFCs is another name for a chlorofluorocarbon.
- _____ **2.** CFCs are made up of carbon, fluorine, and chlorine.
- _____ **3.** All CFCs are synthetic chemicals.
- _____ **4.** CFCs readily react easily with other chemicals.
- _____ **5.** CFCs were developed as replacements for toxic refrigerants.

Chapter 11 Study For Content Mastery

Russell K. Schutt



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