



Nitrogen Dioxide (NO2)

Nitrogen dioxide is the chemical compound with the formula NO₂. This reddish-brown toxic gas has a sharp, biting odor. Nationally, the leading sources of this air pollutant are motor vehicles and non-road equipment.

A national air quality standard in effect for decades has applied to NO₂ along with other oxide of nitrogen, collectively referred to as NO_x. In 2010, the U.S. Environmental Protection Agency (EPA) established a new air quality standard applicable to NO₂ by itself.

According to the EPA, short-term exposure to NO₂ has been linked with increased asthma symptoms, more difficulty controlling asthma, and an increase in respiratory illnesses and symptoms.

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