



http://ofmpub.epa.gov/sor\_internet/registry/termreg/searchandretrieve/termsandacronyms/search.do?matchCriteria=Contains&checkedTerm=on&checkedAcronym=on&search=Search&term=Sulfur Dioxide  
Last updated on Sunday, August 19, 2012

## Terminology Services

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Our Web site will undergo scheduled maintenance from 8pm ET on Sunday, August 19, 2012 to 6am ET on Monday, August 20, 2012. During this time, you may find that our web pages are slow to load or that certain applications are not working. We apologize for any inconvenience.

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# Terms & Acronyms - Search Results

The Search Results is an alphabetical list based on the search criteria. The user may click on a vocabulary link to go directly to the vocabulary containing the term. The user has the option to export the results to a variety of file formats.

Terms & Acronyms

**Search Terms (Contains):** Sulfur Dioxide; **Only Return Terms With Definitions:** No  
10 results found

Page 1 of 1 Results per page: 25

Term	Acronym	Code	Vocabulary	Vocabulary Type	Preferred Term
<input type="checkbox"/> Sulfur Dioxide			<a href="#">Web Taxonomy-Substances</a>	Taxonomy	Sulfur Oxides
<input type="checkbox"/> Sulfur Dioxide			<a href="#">Clean Energy Glossary</a>	Glossary and Key Word List	

**Definition:** High concentrations of sulfur dioxide affect breathing and may aggravate existing respiratory and cardiovascular disease. Sensitive populations include asthmatics, individuals with bronchitis or emphysema, children, and the elderly. Sulfur dioxide is also a primary contributor to acid rain, which causes acidification of lakes and streams and can damage trees, crops, historic buildings, and statues. In addition, sulfur compounds in the air contribute to visibility impairment in large parts of the country. This is especially noticeable in national parks. Sulfur dioxide is released primarily from burning fuels that contain sulfur (such as coal, oil, and diesel fuel). Stationary sources such as coal- and oil-fired power plants, steel mills, refineries, pulp and paper mills, and nonferrous smelters are the largest releasers. [less](#)

<input type="checkbox"/> Sulfur Dioxide			<a href="#">Childrens Health Protection Glossary</a>	Glossary and Key Word List	
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**Definition:** A pungent, colorless, gaseous pollutant formed primarily by the combustion of fossil fuels.

<a href="#">Green Power</a>	Glossary
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**Sulfur Dioxide** [Partnership Glossary](#) and Key Word List

**Definition:** High concentrations of sulfur dioxide affect breathing and may aggravate existing respiratory and cardiovascular disease. Sensitive populations include asthmatics, individuals with bronchitis or emphysema, children, and the elderly. Sulfur dioxide is also a primary contributor to acid rain, which causes acidification of lakes and streams and can damage trees, crops, historic buildings, and statues. In addition, sulfur compounds in the air contribute to visibility impairment in large parts of the country. This is especially noticeable in national parks. Sulfur dioxide is released primarily from burning fuels that contain sulfur (such as coal, oil, and diesel fuel). Stationary sources such as coal- and oil-fired power plants, steel mills, refineries, pulp and paper mills, and nonferrous smelters are the largest releasers.

[less](#)

**Sulfur Dioxide** [Air Permitting Terms](#) Glossary and Key Word List

**Definition:** A criteria air pollutant. Sulfur dioxide is a gas produced by burning coal, most notably in power plants. Some industrial processes, such as production of paper and smelting of metals, produce sulfur dioxide. Sulfur dioxide is closely related to sulfuric acid, a strong acid. Sulfur dioxide plays an important role in the production of acid rain.

[less](#)

**sulfur dioxide** SO [Greenhouse Gas Emissions](#) Glossary and Key Word List

**Definition:** A compound composed of one sulfur and two oxygen molecules. Sulfur dioxide emitted into the atmosphere through natural and anthropogenic processes is changed in a complex series of chemical reactions in the atmosphere to sulfate aerosols. These aerosols are believed to result in negative radiative forcing...

[more](#)

**Sulfur Dioxide** SO<sub>2</sub> Glossary and Key Word List

**Definition:** A gas that causes acid rain. Burning fossil fuels, such as coal, releases SO<sub>2</sub> into the atmosphere. For more information, visit EPA's Air and Radiation Web site.

**Sulfur Dioxide** SO<sub>2</sub> [Terms of Environment](#) Glossary and Key Word List

**Definition:** A pungent, colorless, gasformed primarily by the combustion of fossil fuels; becomes a pollutant when present in large amounts.

**Sulfur Dioxide** SO<sub>2</sub> [America's Children and the Environment Terms](#) Glossary and Key Word List

**Definition:** A pungent, colorless, gaseous pollutant formed primarily by the combustion of fossil fuels. One of the six "criteria" pollutants for which EPA has set national ambient air quality standards.

**sulfur dioxide** SO2[Acid Rain Glossary](#)Glossary  
and Key  
Word List

**Definition:** A naturally occurring gas made of sulfur and oxygen that causes acid rain. Burning fossil fuels, such as coal, releases SO2 into the atmosphere. Various EPA programs are reducing SO2 emissions, including the Acid Rain Program (<http://www.epa.gov/acidrain/index.html>).

Export Options

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