

Post-review adjustments

HO• and •OH can be used interchangeably in Chemistry, same as O• and •O, or any other radical. They mean the same thing and the • symbol on O simply indicates that the **free electron** rests on the oxygen atom. In some situations, such as hydrogen bonded complexes where the **hydrogen bonding** is expressed by the ••• symbol, either HO• or •OH can be used in such a way that the structure can be clearly understood by the reader. Putting • and ••• symbols close to each other can be misleading.

Hence, for example, “HO•••CH₃-O-SO₃H” is preferably written as “•OH•••CH₃-O-SO₃H” to highly the presence of both the **free electron** and the **hydrogen bonding**. Originally, such was written as “HO•••CH₃-O-SO₃H”, which clearly highlighted both the **free electron** and the **hydrogen bonding**. However, the ••• symbol was changed to ••• symbol during the typesetting and copying-editing processes.

Based on the above, the following changes are required.

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Line 79: Change “HO•••CH₃-O-SO₃H•••(H₂O)_{n=0-2}” to “•OH•••CH₃-O-SO₃H•••(H₂O)_{n=0-2}”.

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Line 15: Change “HO•••CH₃-O-SO₃H•••(H₂O)_n” to “•OH•••CH₃-O-SO₃H•••(H₂O)_n”.

Line 21: Change “HO••• • CH₃-O-SO₃H•••(H₂O)_{n=0-2}” to “•OH•••CH₃-O-SO₃H•••(H₂O)_{n=0-2}”.

Line 25: Change “HO••• • CH₃-O-SO₃H•••(H₂O)_{n=0-2}” to “•OH•••CH₃-O-SO₃H•••(H₂O)_{n=0-2}”.

Line 35: Change “HO•••CH₃-O-SO₃H•••(H₂O)_n” to “•OH•••CH₃-O-SO₃H•••(H₂O)_n”.

Line 53: Change “SO₄⁻•••H₃O⁺•••(H₂O)_{n-1}” to “SO₄⁻•,H₃O⁺•••(H₂O)_{n-1}”. Here, the ••• symbol can be replaced by “,” not only to remove the confusion that may arise from •••, but also to highly the existence of an **ion-pair** between SO₄⁻ and H₃O⁺., which is a common representation in Chemistry.

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Line 39: Change “O₂••••O-H₂C-O-SO₃⁻” to “O₂•••O•-H₂C-O-SO₃⁻”.