

Group 1 Chemical Reactions: Oxygen

1. What is the name of the chemical reaction where a metal reacts with oxygen?

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2. What is the name of the product where a metal reacts with oxygen?

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3. Why do group 1 metals react so quickly in air?

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4. What colour are pure alkali metals?

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5. What colour are metal oxides?

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6. What does it mean when we say the alkali metal has been tarnished?

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7. Which part of the alkali metal has reacted with oxygen?

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8. What is seen when alkali metals are heated in pure oxygen?

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9. What is the product when lithium reacts with oxygen?

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10. Write a word equation for when lithium reacts with oxygen

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11. Write a balanced symbol equation for when lithium reacts with oxygen

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12. What are the products when sodium reacts with oxygen?

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13. Write a word equation for when sodium reacts with oxygen

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14. What are the products when potassium reacts with oxygen?

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15. Write a word equation for when potassium reacts with oxygen

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