

EXOTHERMIC

Meaning: Exothermic refers to a process or reaction that releases heat to its surroundings.

1. The reaction between sodium and water is an exothermic process that releases a significant amount of heat.
2. When ice melts into water, it absorbs heat, while the formation of ice from water is an exothermic change.
3. Exothermic reactions are crucial in various industrial applications, such as the production of fertilizers.
4. The combustion of fuels is a classic example of an exothermic reaction, producing energy in the form of heat and light.
5. Understanding exothermic reactions is essential for chemists working with thermodynamic principles.

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