

chemical reaction and equation

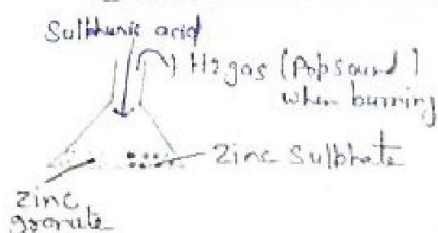
best short notes

Chemical Reaction and Equation

Chemical reaction :- Process of interaction of chemicals is called chemical reaction.

Chemical Equation :- Symbolic representation of chemical reaction.

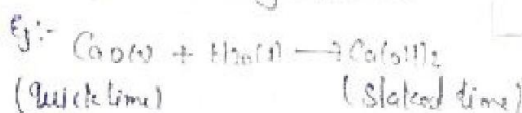
Activity Reaction b/w zinc and dilute Sulphuric acid :-



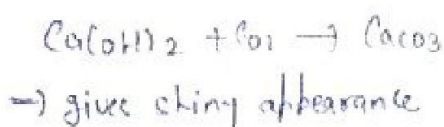
Types of chemical reaction :-

① Combination reaction

Two or more reactant combine to form a single product.

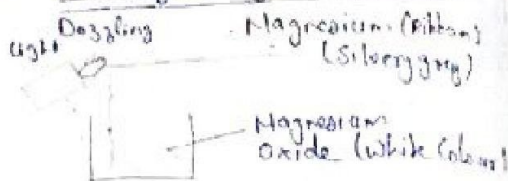


(R) Note:- Slaked lime is used for white washing.



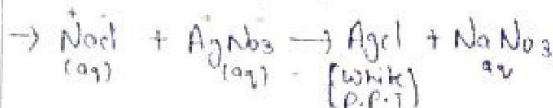
Activity

Burning of magnesium ribbon in air :-



Characteristics of a chemical reaction :-

1. Formation of a precipitate :-



2. Evolution of gas :-



3. Change in colour :-



4. Change in state :-

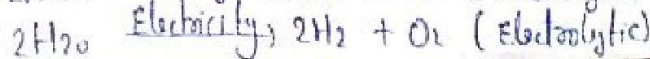
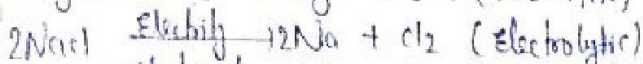
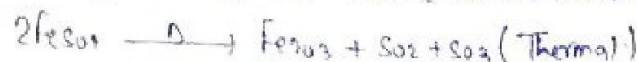
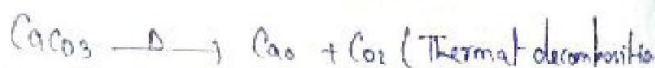


5. Change in temperature :-



② Decomposition reaction :- (Exothermic reaction)

Single reactant decomposes into two or more than two product.



Photolytic decomposition

use light for its decomposition

Thermal decomposition

use thermal energy for its decomposition

Electrolytic decomposition

use electricity for its decomposition

Precipitation reaction

use electricity for its decomposition

Redox reaction

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