HOMEWORK 1) Naso + HOD - 2NaOH given equation is: NavO + HO -> & NaOH 1 2 Na 2 Balanced equation is: Naso + HO -> 2 NaOH 2 2n + HCL -> Zncl2 + Hz +2 balanced equation is, Zn + SHCL > zncb + Ho 3) Na + Clo > Nacl given equation is Na+Cl2 > NaCl Na +2

Balanced chemical equation

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equation for the following evord equations:

2) I non + Chlorine = Inon III Chloride

D) Lalcium oxide + evater → lalcium hydroxide

a) Fe + Cl_2 \rightarrow $FeCl_3$

Fe: 12 12 Cl: 26 36

Balanced chemical equation is,

is, $\partial Fe + 3Cl_3 \rightarrow \partial FeCl_3$

D) CaO + H2O → Ca(OH)

Ca: I

O: 2

H: 2

Above equation is a balanced chemical equation

(0)

Co

*

cate

* 20

hea

aue

loho

get

Zn

Ansi

Solid 2 hyd aq chlo

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(l) for liquid, (g) for and caq) for aqueous state.

* Jemperature, pressure and catalyst can be indicated above the arrow
of the shemical reaction

*Evolution or absorbtion of heat, can be denoted by adding the heat term.

Question

lishat information do you get from the following chemical equation:

Zn (0) + 2 HCL (dil) -> Znclo (ap) + Ho (g)

Answen

Solid form of In reacts with a molecules of silute hydrochloric acid to form aqueous form of zinc chloride and hydrogen gas.