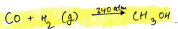




Let's balance this
.... Equation



Magnesium ribbon is cleaned before reaction to remove impurities.

Valencies of some elements

- | | |
|--|----------------------|
| • Magnesium $\rightarrow 2$ | • Ammonium hydroxide |
| • Calcium $\rightarrow 2$ | ↓ |
| • Potassium $\rightarrow 1$ | NH_4^+ |
| • Chloride $\rightarrow \text{Cl}^-$ | • Sulphate |
| • Bromide $\rightarrow \text{Br}^-$ | ↓ |
| • Oxide $\rightarrow \text{O}^{2-}$ | SO_4^{2-} |
| • Sulphate $\rightarrow \text{S}^{2-}$ | • Sulphite |
| • Nitrate $\rightarrow \text{N}^{3-}$ | ↓ |
| | SO_3^{2-} |