

## 化学

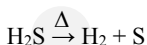
## 硫氮方程式汇总

## S

淡黄色固体  
不溶于水  
微溶于乙醇，易溶于CS<sub>2</sub>

H<sub>2</sub>S

无色有毒气体  
有臭鸡蛋气味  
微溶于水（1:2.6）

SO<sub>2</sub>

无色气体  
有刺激性气味  
可溶于水（1:40）

H<sub>2</sub>SO<sub>4</sub>

无色粘稠状液体  
难挥发，易溶于水  
具有吸水性、脱水性

N<sub>2</sub>

无色无味气体  
难溶于水

NH<sub>3</sub>

无色气体  
有刺激性气味  
极易溶于水（1:700）

## 铵盐

晶体，能溶于水

## NO

无色有毒气体  
微溶于水

NO<sub>2</sub>

红棕色有毒气体  
有刺激性气味

HNO<sub>3</sub>

无色液体，易挥发  
有刺激性气味  
可与水任意比混溶

## 硝酸盐

易溶于水  
受热易分解  
易爆炸，应低温避光保存

/

金属

O<sub>2</sub>

酸

碱

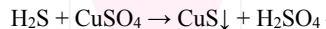
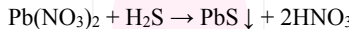
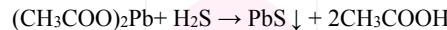
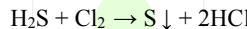
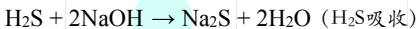
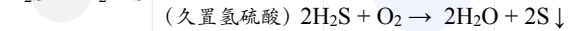
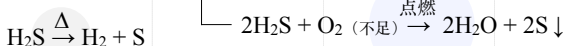
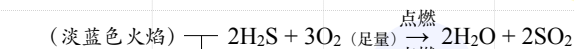
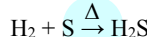
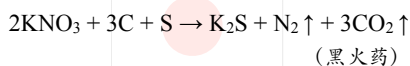
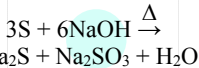
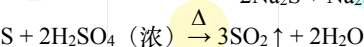
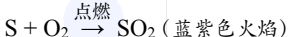
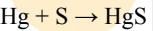
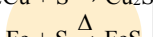
H<sub>2</sub>O

C

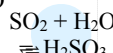
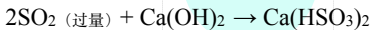
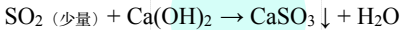
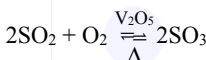
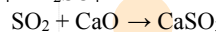
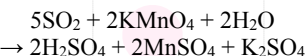
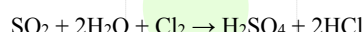
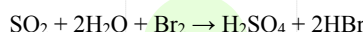
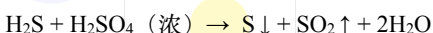
X<sub>2</sub>H<sub>2</sub>

盐

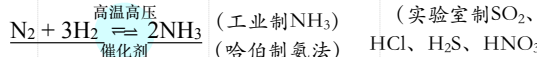
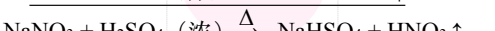
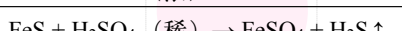
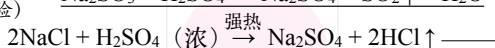
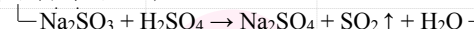
金属氧化物



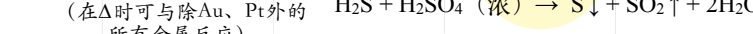
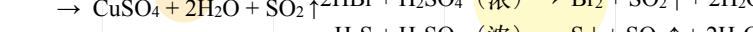
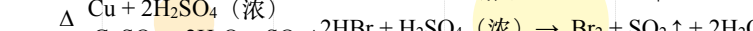
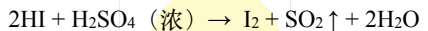
(H<sub>2</sub>S检验)



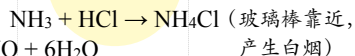
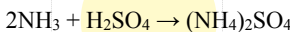
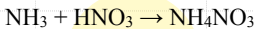
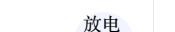
\* (须用较浓的硫酸)



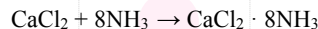
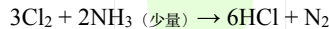
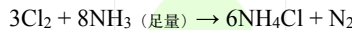
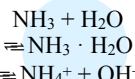
\* (常温浓硫酸遇Al、Fe发生钝化)



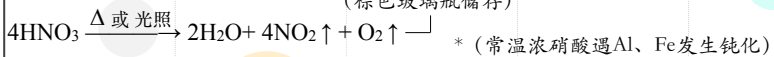
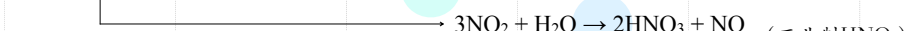
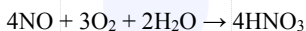
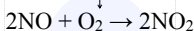
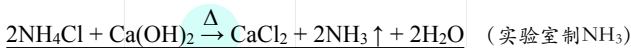
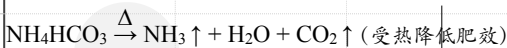
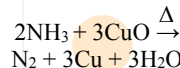
(不能用浓硫酸干燥)



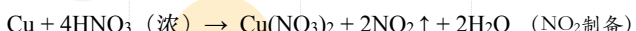
(氨的催化氧化)



(不能用CaCl<sub>2</sub>干燥)



\* (常温浓硝酸遇Al、Fe发生钝化)



(可与除Au、Pt外的所有金属反应)

