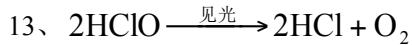
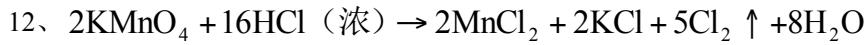
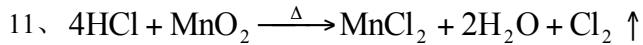
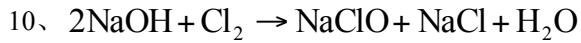
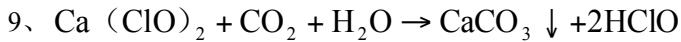
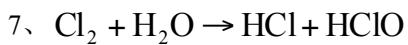
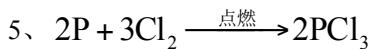
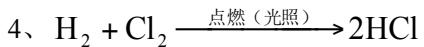
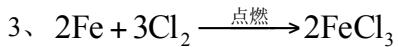
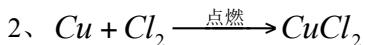
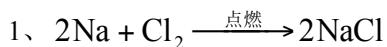
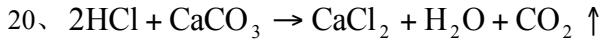
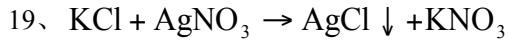
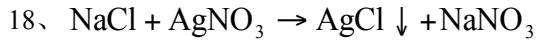
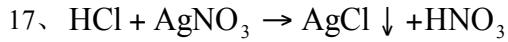
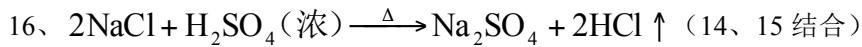
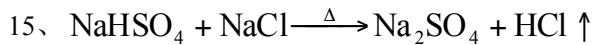
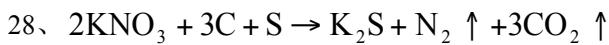
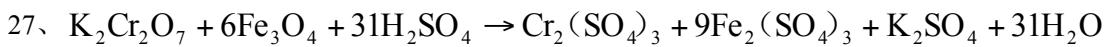
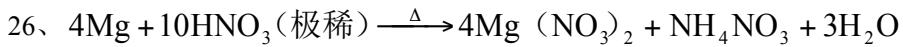
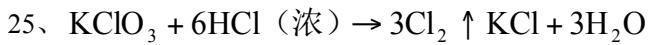
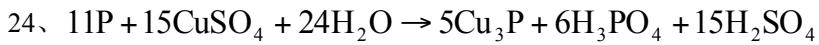
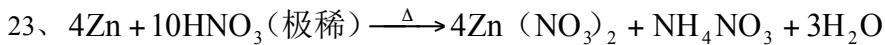
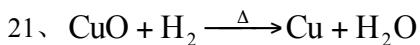
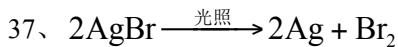
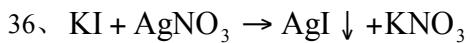
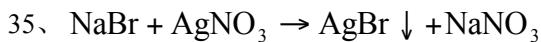
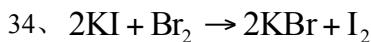
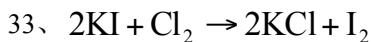
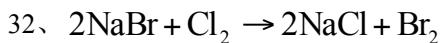
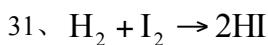
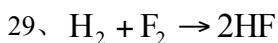


**第一章 卤素****第一节 氯气****第二节 氯化氢****第三节 氧化还原反应**

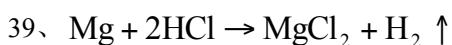
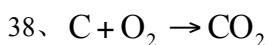


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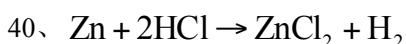


## 第二章 摩尔 反应热

### 第一节 摩尔



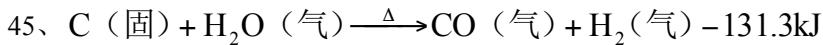
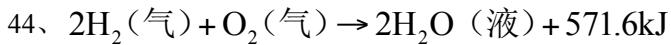
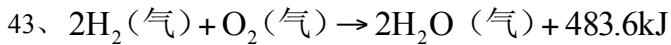
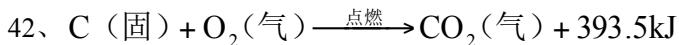
### 第二节 气体摩尔体积



### 第三节 物质的量浓度

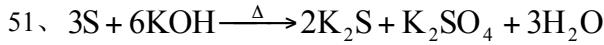
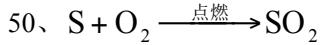
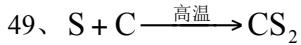
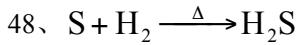
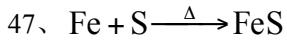
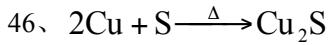


### 第四节 反应热

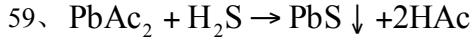
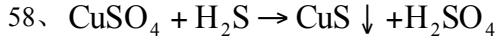
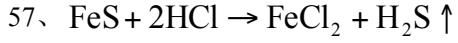
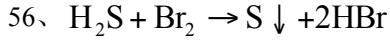
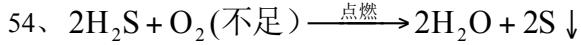
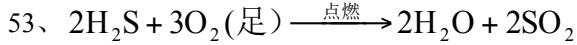
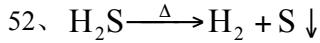


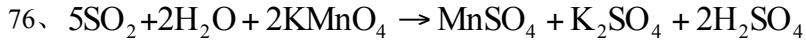
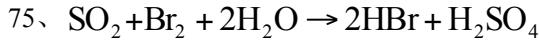
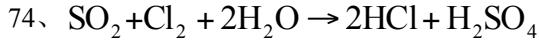
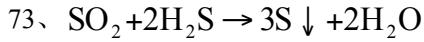
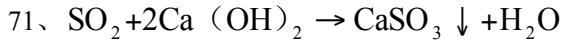
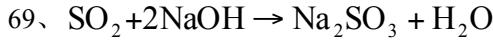
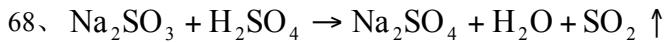
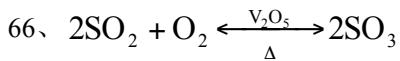
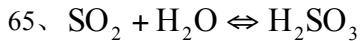
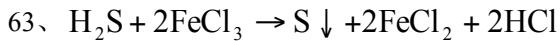
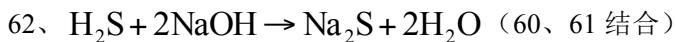
## 第三章 硫 硫酸

### 第一节 硫

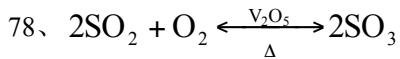


### 第二节 硫的氢化物和氧化物

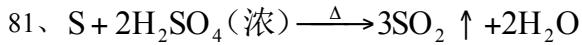
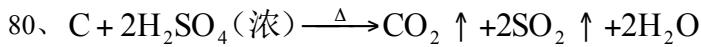


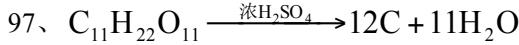
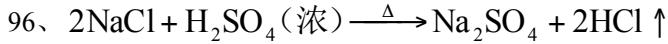
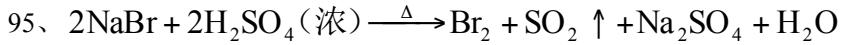
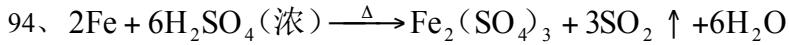
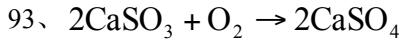
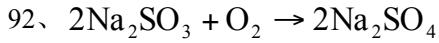
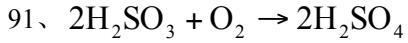
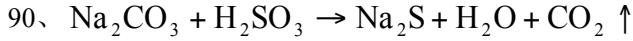
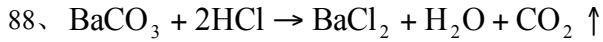
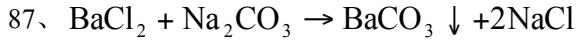
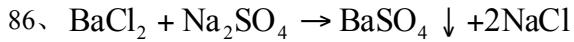
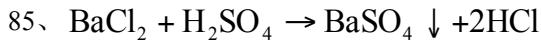
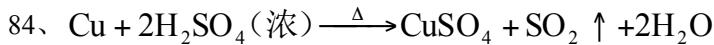
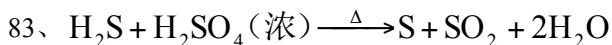
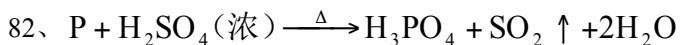


### 第三节 硫酸的工业制法



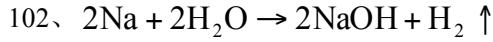
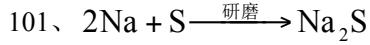
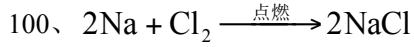
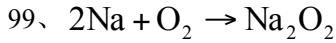
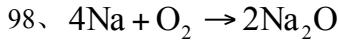
### 第四节 硫酸 硫酸盐

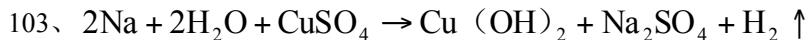




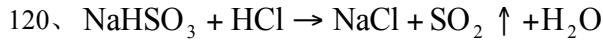
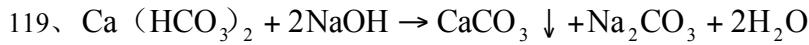
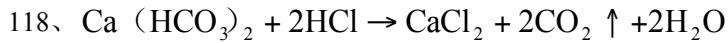
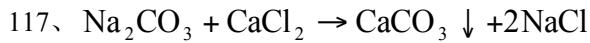
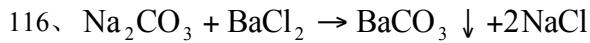
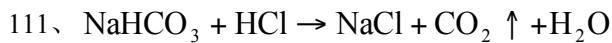
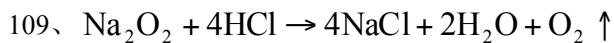
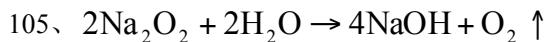
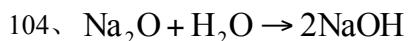
## 第四章 碱金属

### 第一节 钠

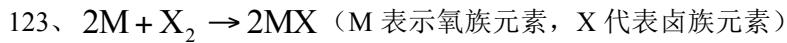
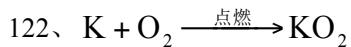
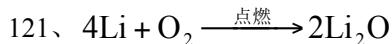


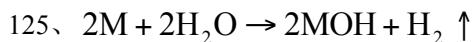


## 第二节 钠的氧化物



## 第三节 碱金属元素



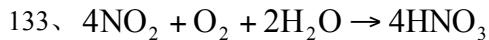
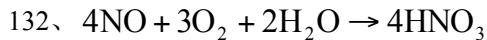
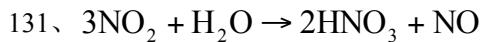
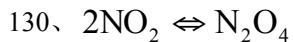
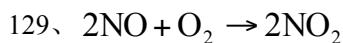
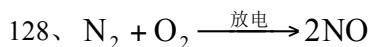
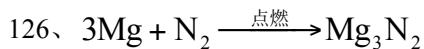


## 第五章 物质结构 元素周期律

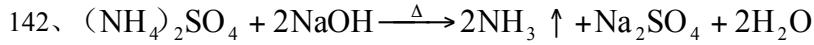
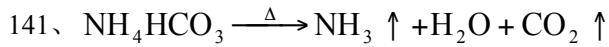
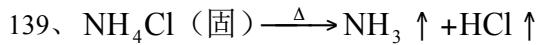
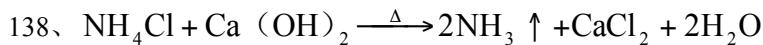
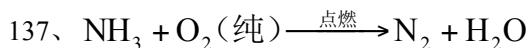
本章内容、性质特殊，所有化学反应方程式均融在其他章节中。

## 第六章 氮和磷

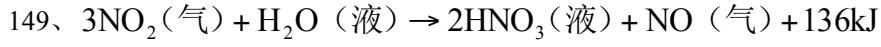
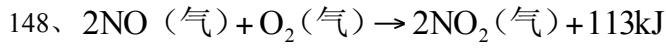
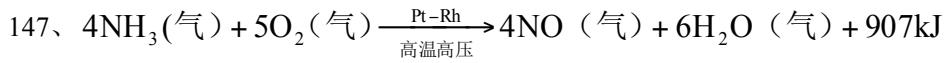
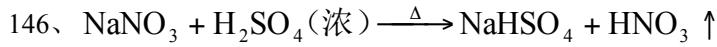
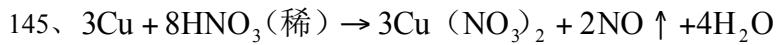
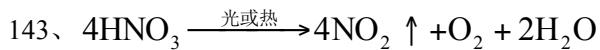
### 第二节 氮气



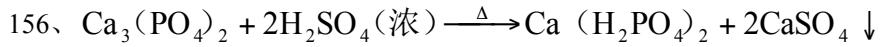
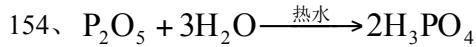
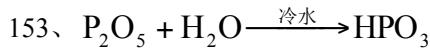
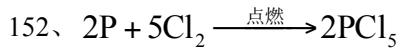
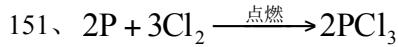
### 第三节 氨 铵盐



### 第四节 硝酸



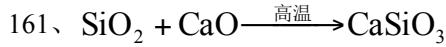
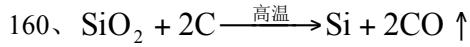
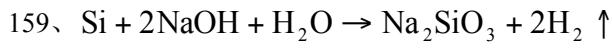
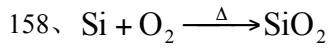
## 第六节 磷 磷酸

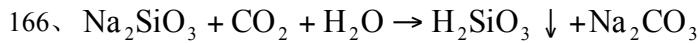
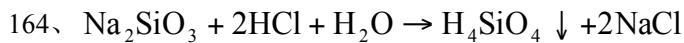


# 化学 第二册

## 第一章 硅

### 第二节 硅及其重要的化合物



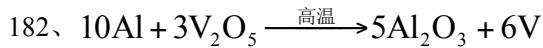
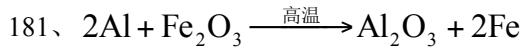
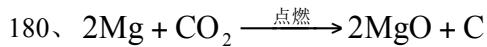
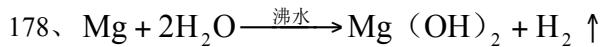
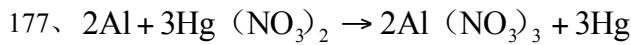
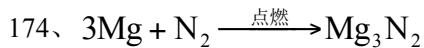
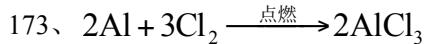
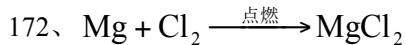
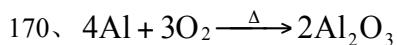
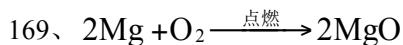


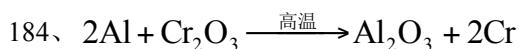
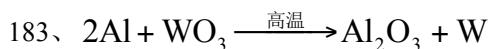
### 第三节 硅酸盐工业简述



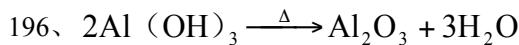
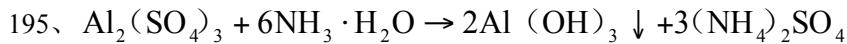
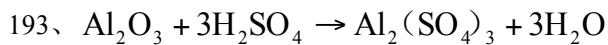
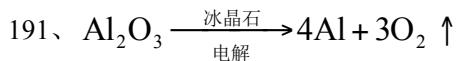
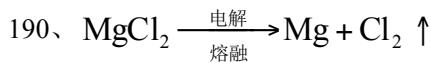
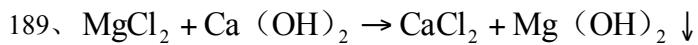
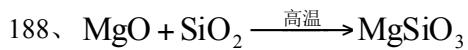
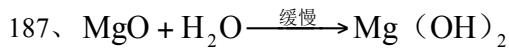
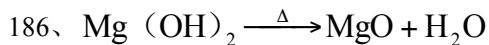
## 第二章 镁 铝

### 第二节 镁和铝的性质

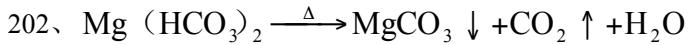
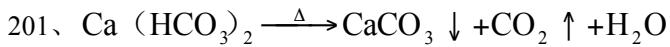
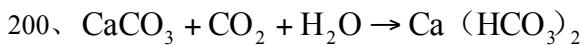


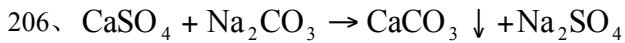
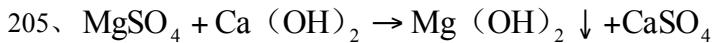
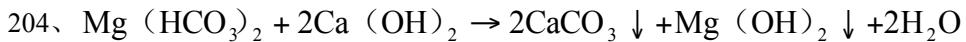


### 第三节 镁和铝的重要化合物



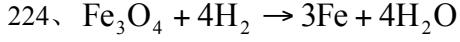
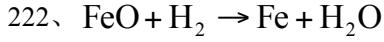
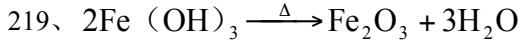
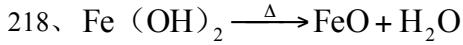
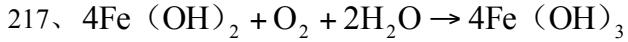
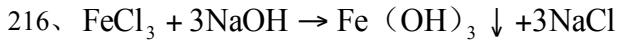
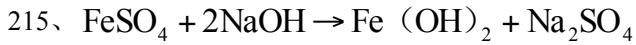
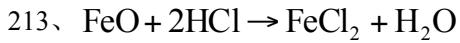
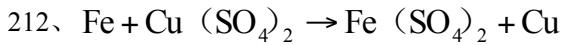
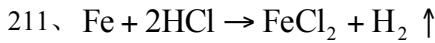
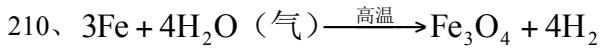
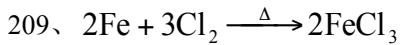
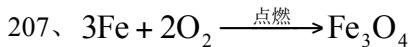
### 第四节 硬水及其软化

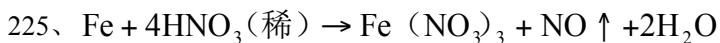




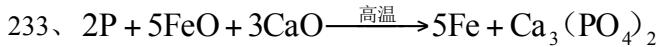
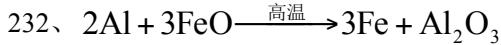
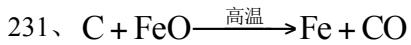
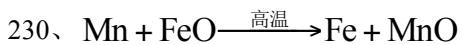
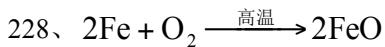
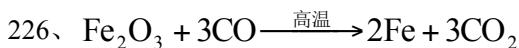
### 第三章 铁

#### 第一节 铁和铁的化合物



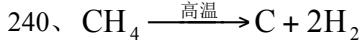
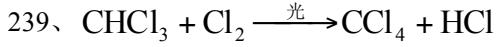
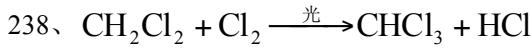
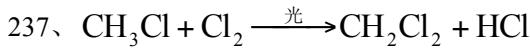
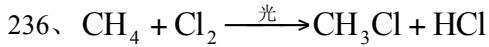
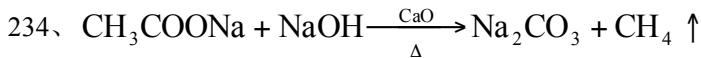


## 第二节 炼铁和炼钢

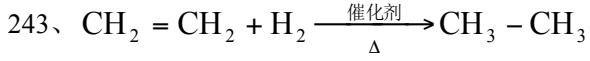


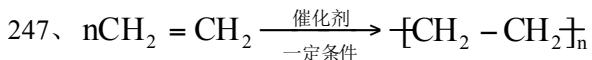
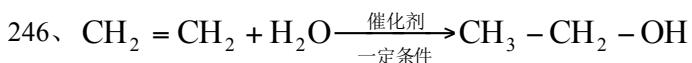
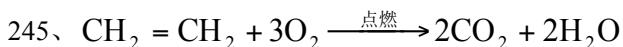
## 第四章 烃

### 第二节 甲烷

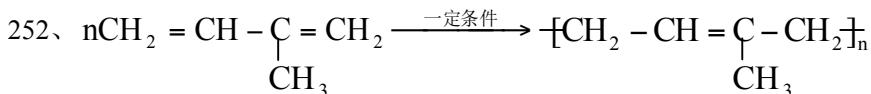
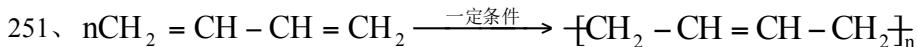
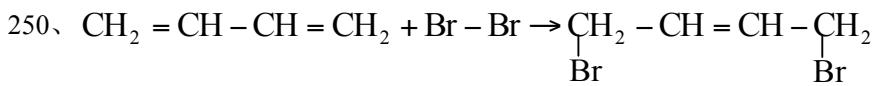
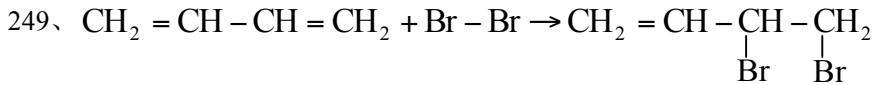


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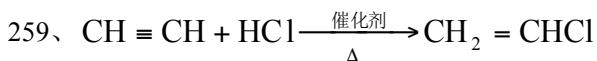
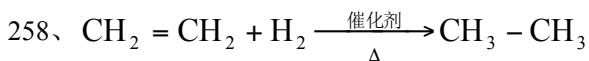
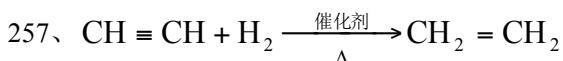
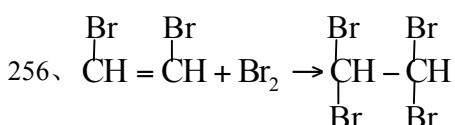
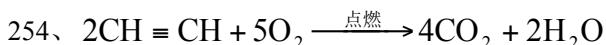




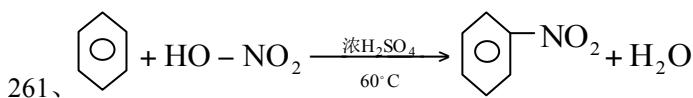
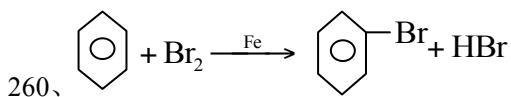
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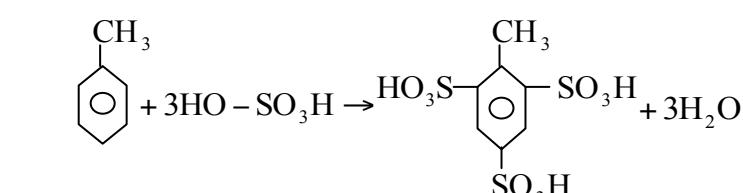
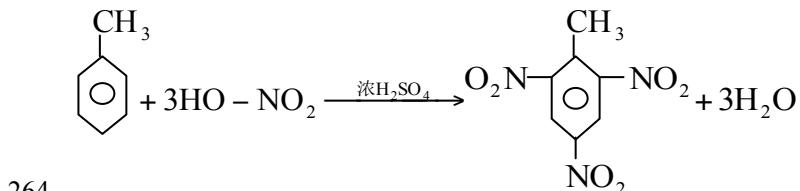
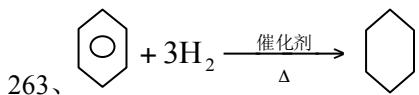
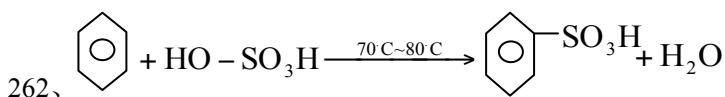


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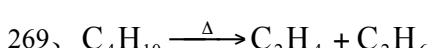
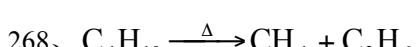
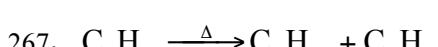


### 第七节 苯 芳香烃



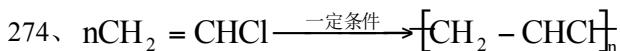
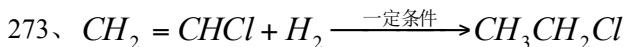
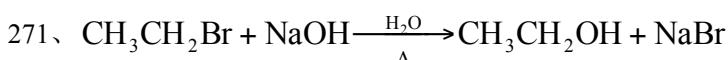
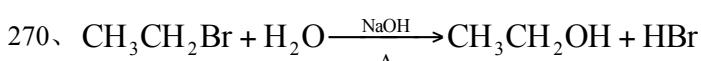


## 第八节 石油和石油产品概述

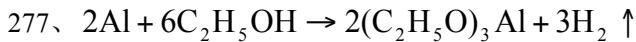
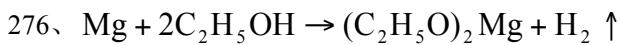
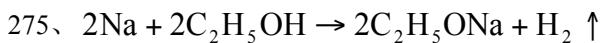


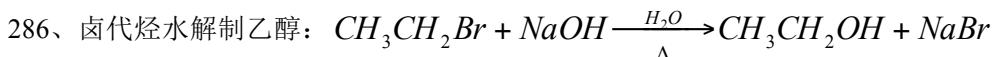
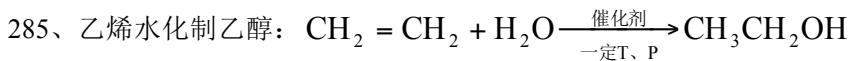
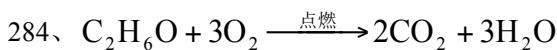
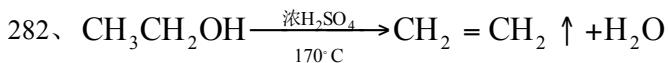
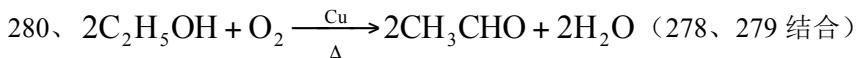
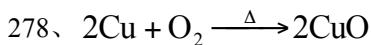
## 第五章 烃的衍生物

### 补充课程 卤代烃

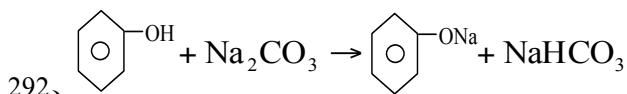
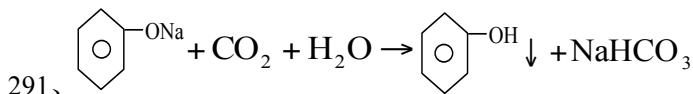
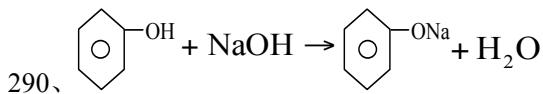
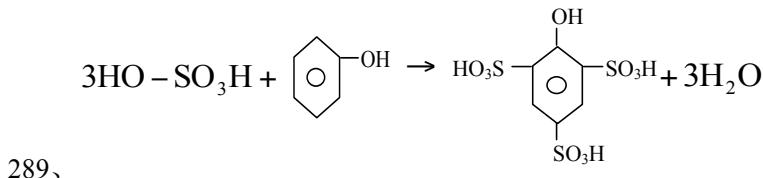
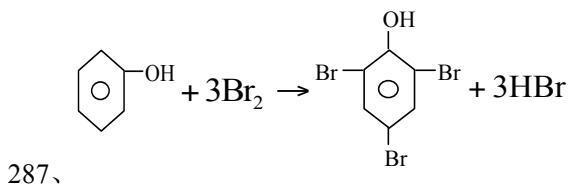


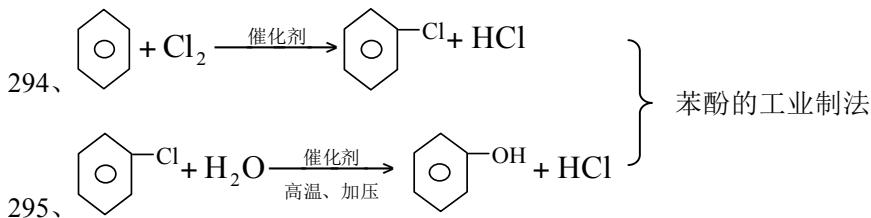
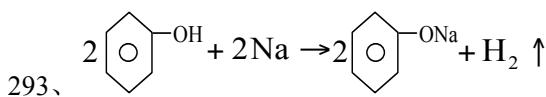
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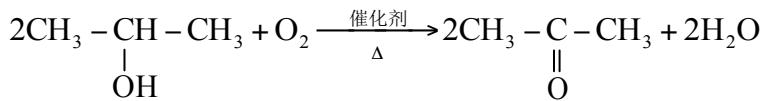
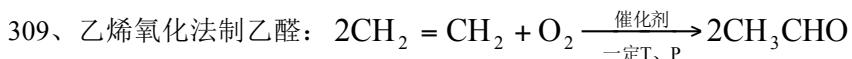
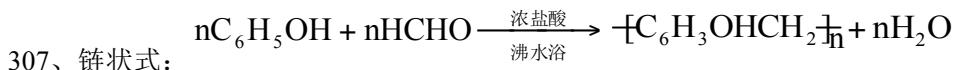
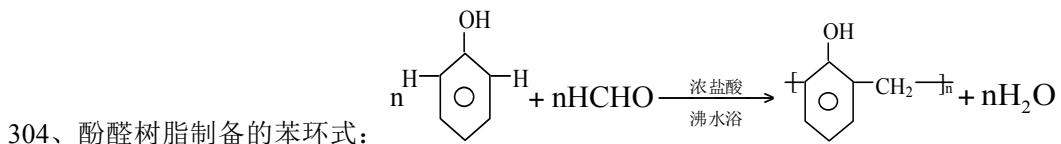
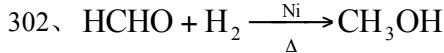
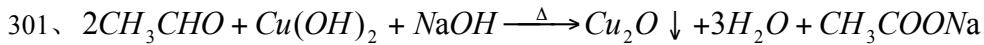
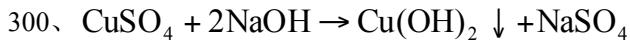
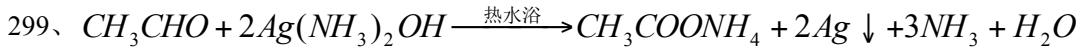
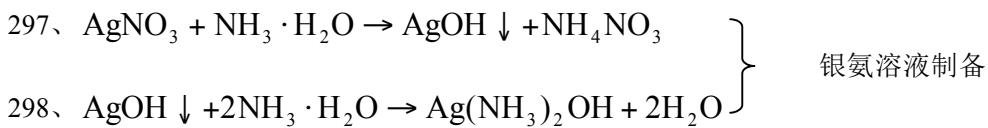
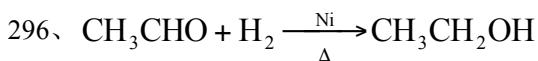


## 第二节 芳香族化合物

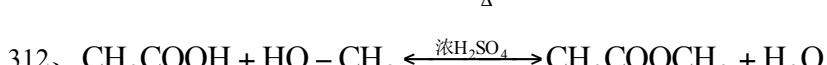


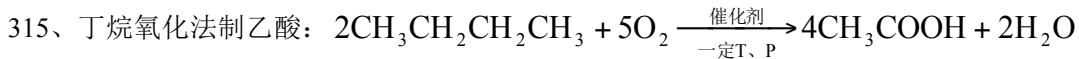
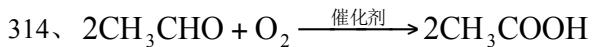
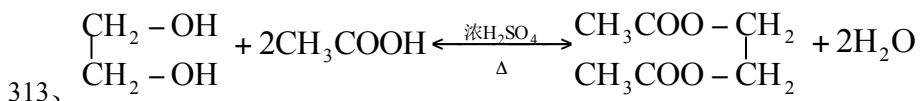


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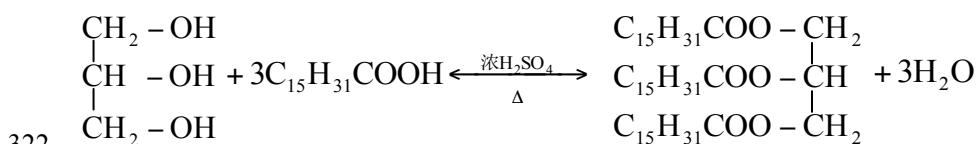
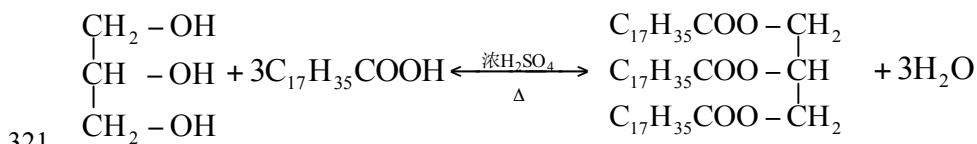
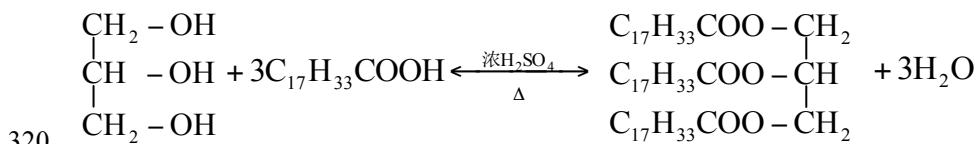
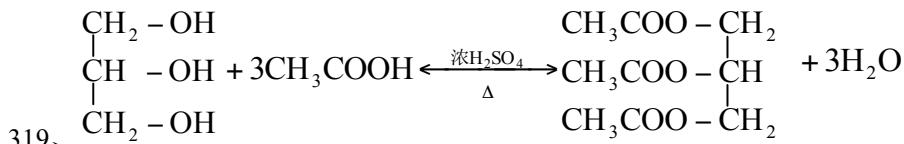
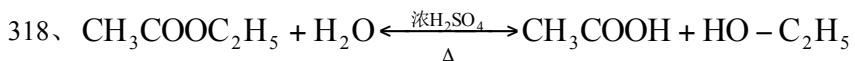
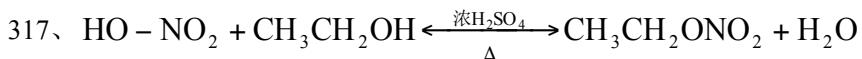
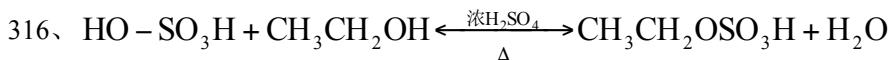


310、2—丙醇氧化制丙酮：





## 第五节 酯



## 第六节 油脂

