



**NH<sub>4</sub> OH**

# Ammoniaque

# Les principaux produits

## Les produits de permanente



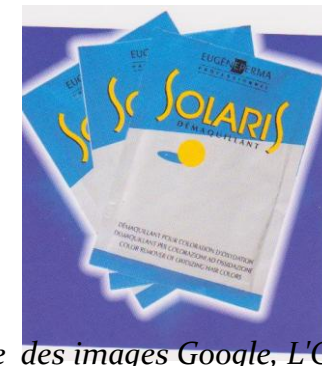
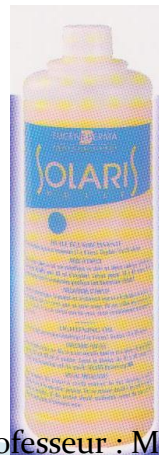
## Les produits de Coloration d'oxydation



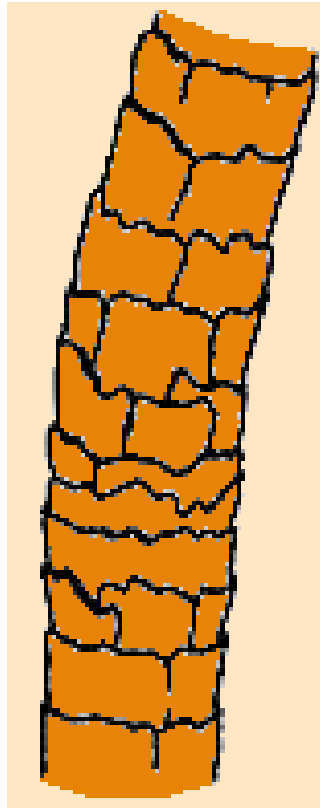
## Les produits défrisants thiolés



## Les produits de Décoloration



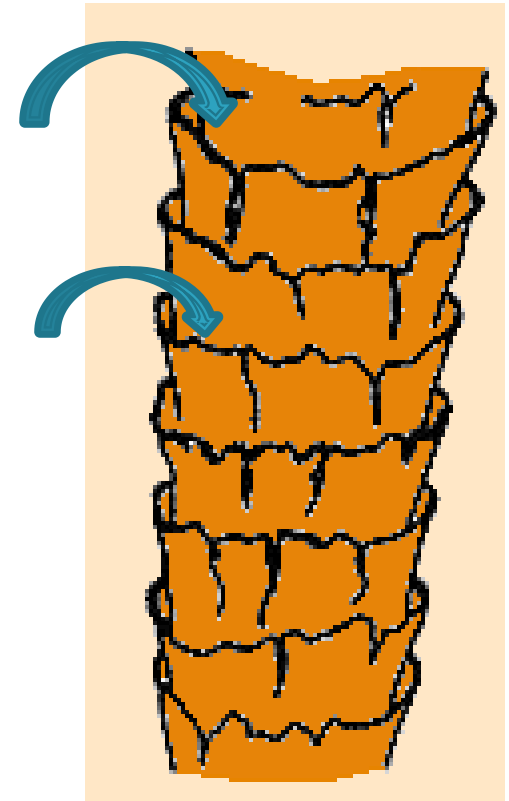
# Contact du cheveu avec l'ammoniaque



**Cheveu**



**NH<sub>4</sub> OH**



**Gonflement de la fibre capillaire**

# Mode d'action sur le cheveu

## En permanente et en défrisage



**NH<sub>4</sub> OH**



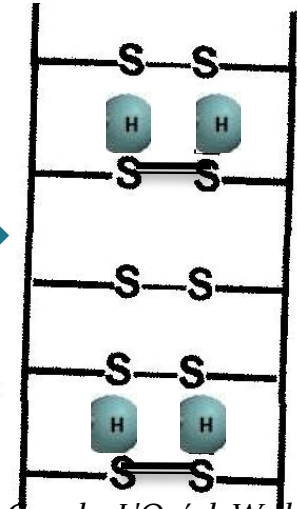
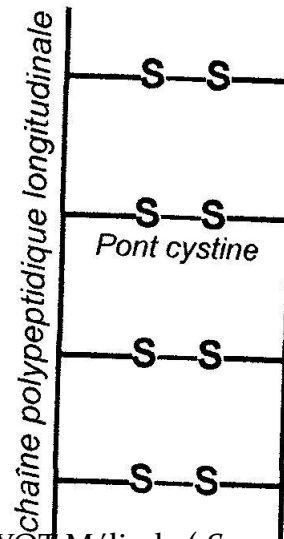
**HS-CH<sub>2</sub>-COOH**



**HS-CH<sub>2</sub>-COO  
NH<sub>4</sub>**



**Catalyseur**





## En coloration



**NH<sub>4</sub> OH**



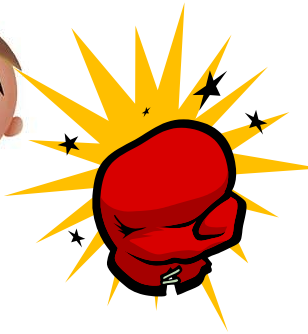
+



**H<sub>2</sub>O<sub>2</sub>**



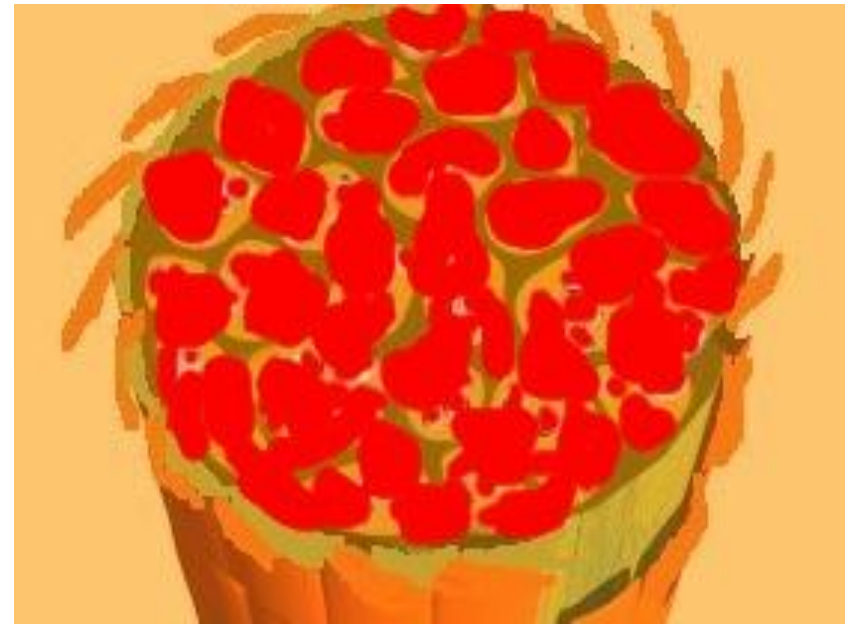
**NH<sub>4</sub> OH**



**Catalyseur**



**H<sub>2</sub>O<sub>2</sub>**



# En décoloration



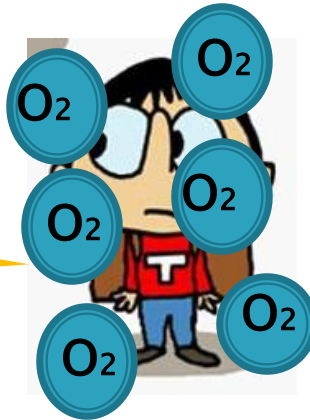
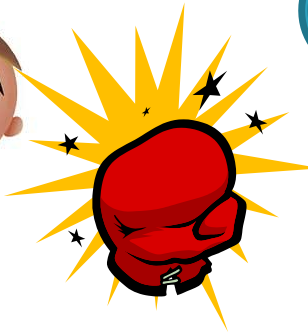
$\text{NH}_4 \text{OH}$



$\text{H}_2\text{O}_2$



$\text{NH}_4 \text{OH}$



$\text{H}_2\text{O}_2$

