



- Sour
- Corrosive with metal
- H(+) ion in solution
- Examples:

Lemon juice-citric Spoiled milk-lactic Vinegar-acetic



# BASES Bitter

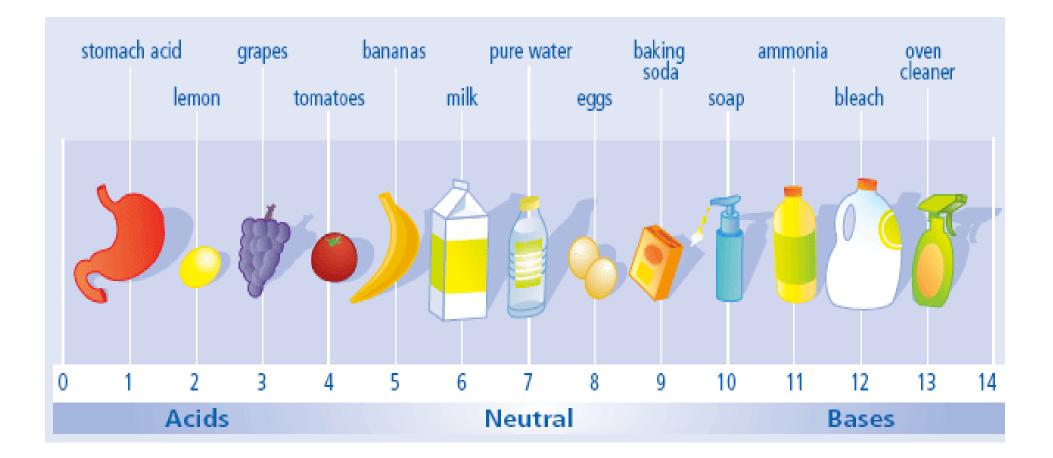


- Slippery
- OH (-) ion in solution Changes Acids traits
- Examples:
- Soda water
- Baking soda
- Shampoo

## pH scale

- Measures the amount of hydrogen ions in solution.
- A low pH indicates a high number of hydrogen ions in solution.

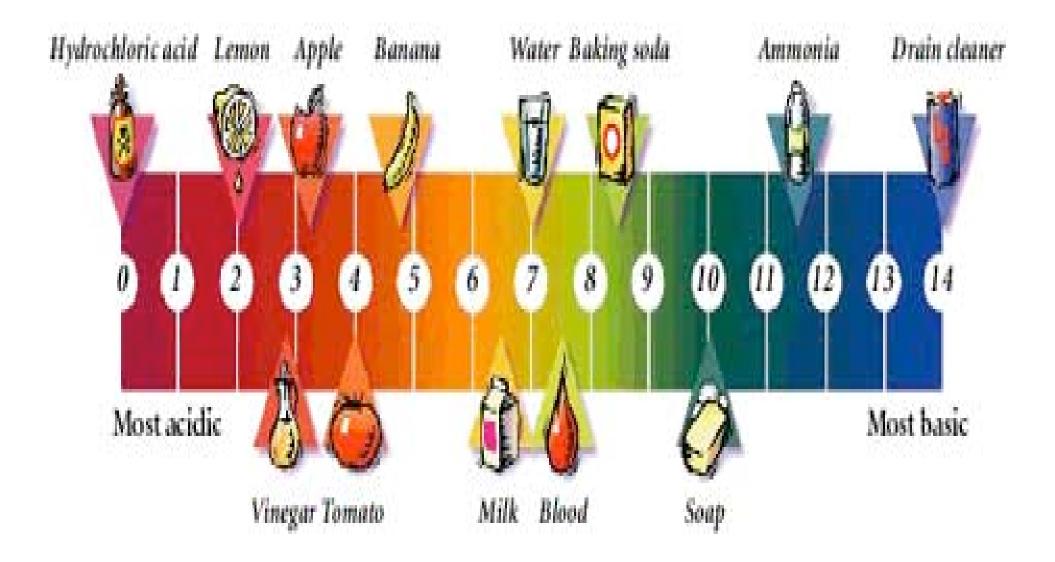




#### 0 most acidic

#### 14 most basic/alkaline

### The pH Scale



## **Neutralization**

- A reaction between an acid and a base. The result of this will be water and salt.
- Bring reading closer to 7.

#### In solution:

- H separate from acids
- OH separate from bases
- Together
  forms H2O

Inspresentative pH values	
<b>Substance</b>	per
Bettery acid	0.5
Cantrix acid	$1.5\times2.8$
Lerner Jace	2.4
Cola	2.5
shreger	2.8
Change or apple juice	3.5
Beer	4.5
Acid Nan	48.0
coffee	5.8
Tea-or healthy skin.	5.5
eshi l	6.5
Pure valler	1.8
Healthy human salive	4.5 - 7.4
Blood	7.36 - 7.45
Sea water	9.0
Hand scap	$\mathbf{S} \oplus - \mathbf{J} \oplus \mathbf{S}$
Household ammonia	11.5
Meach	12.5
Household by	1145



