



KHAN GLOBAL STUDIES

The Most Trusted Learning Platform

LIVE CLASSES



BY – AVINASH ROY SIR

Quick lime
बिना गुंटा - पुन

Slaked lime
गुंटा पुन

① $\text{CaO} + \text{SiO}_2 \rightarrow \text{Cement}$
Eatable (खाने) X

② Ca(OH)_2
Calcium Hydroxide

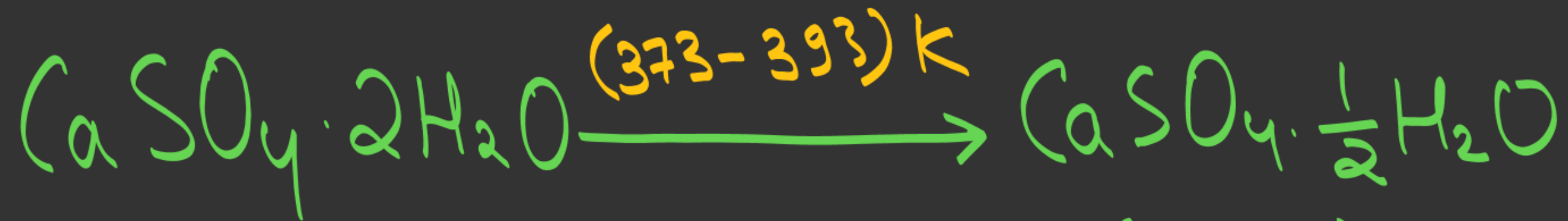
✓
पुनई (White wash)

बालों को हटाने के लिए जानवर
Hair remove skin of Animal

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Gypsum (जिप्सम)



(POP)

“Plaster of Paris”

(प्लास्टर ऑफ पेरिस)

Potassium Hydroxide

(पोटेशियम हाइड्रॉक्साइड)

(KOH)



↳ साबुन (Soft Soap)

↳ शोराव Absorbent - SO_2, CO_2

Caustic Soda

कार्बिक सोडा

\rightarrow (NaOH)

\rightarrow कपडा, कागज (Cloth, Paper)

साबुन (Soap)

Clean factory

Magnesium Hydroxide ($Mg(OH)_2$)



Milk of Magnesia



Remove Acidity

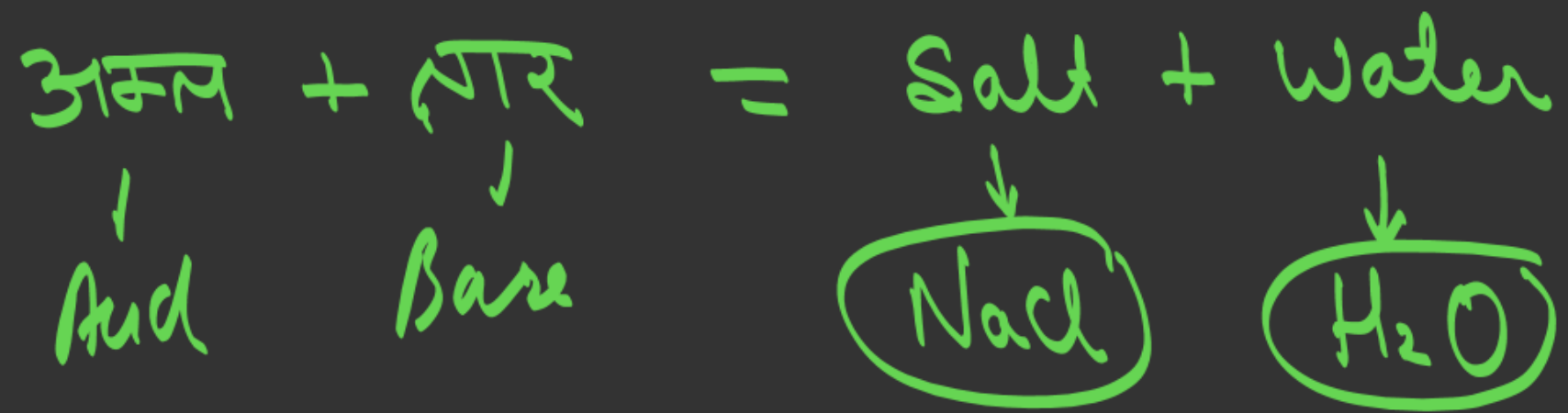
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gasofan

Magnesium oxide → $\boxed{\text{MgO}}$

↳ Rubber.
↳ CaTT_2 (Drugs)





Alum has astringent properties and makes skin tight.

फिटकरी (Potash Alum)



Antiseptics

Deodorant

पानी को सफा (Cleaning of H₂O)
"Coagulation"





skin



- **Shaving** ✓
- **Pimples** ✓
- **Wrinkles** ✓
- **Water Purify** ✓
- **Athlete's Foot** ✓
- **Soft Heels** ✓
- **Head Lice** ✓
- **Hair Remove** ✓

बोरैक्स (Borax)

↳ $\text{Na}_2\text{B}_4\text{O}_7$ → Sodium Tetraborate

↳ कीटनाशक (Insecticides / Pesticides)

↳ धरों को साफ (Cleaning of House)



ब्लीचिंग पाउडर
(Bleaching Powder)

[CaOCl_2
[क्लोरिन मारता है
Kill germs
Purify H₂O.

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Only 3 Ingredients

No Egg
No Cocoa powder



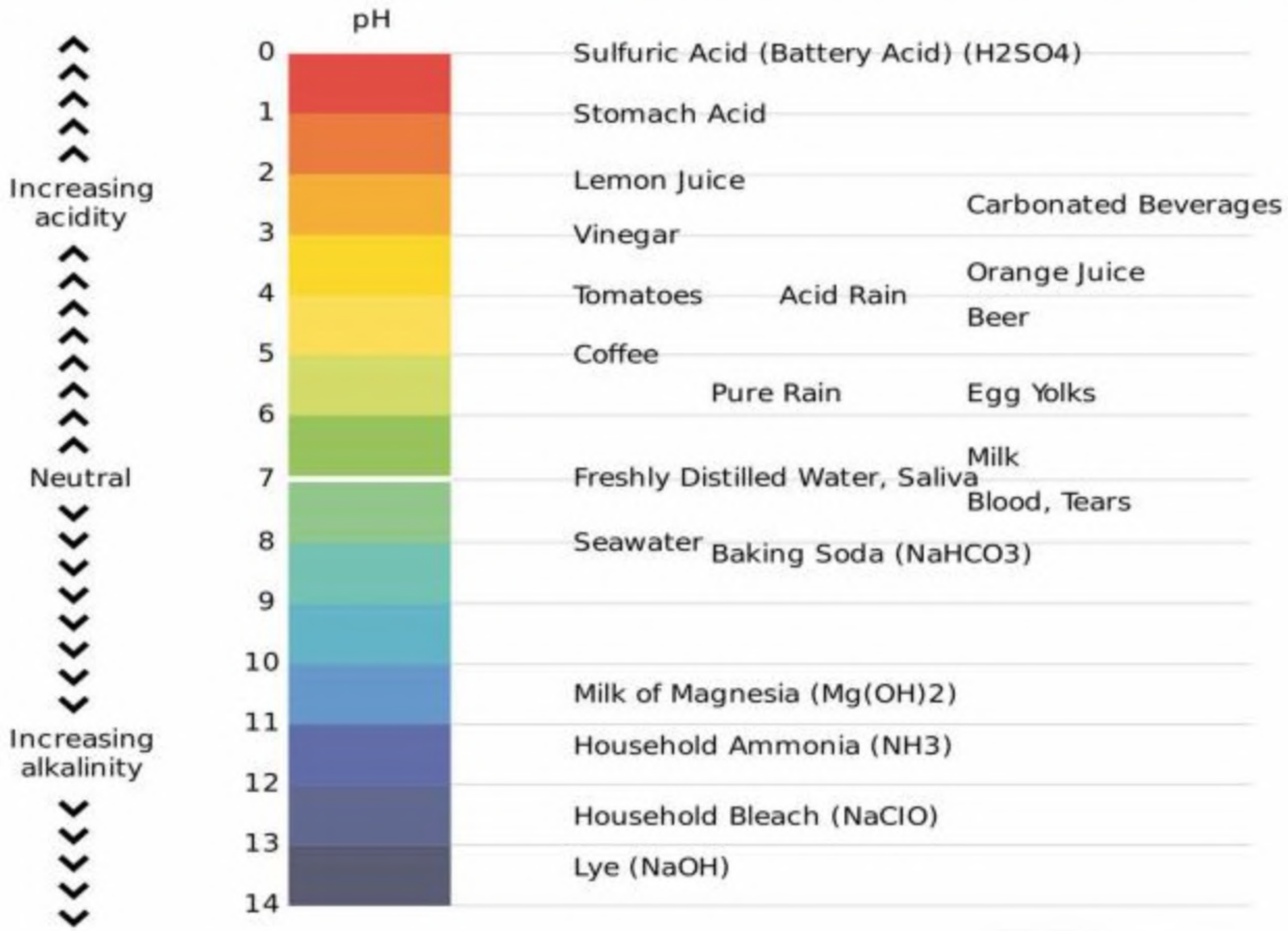
बैकिंग सोडा
Baking Soda

बैकिंग सोडा
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Sodium Bicarbonate
(NaHCO_3)

+
दुग्ध (sour) \rightarrow CO_2 ↑
Fluffy

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