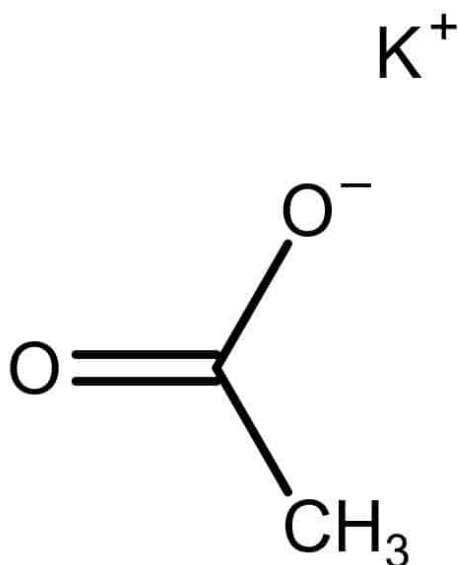


h1>Calcium oxide (papules) 97.5% AR
[1305-78-8]



CAS number: **1305-78-8**

Summary formula: **CaO**

Molar mass: **56.08 g / mol**

Synonyms: **calcium oxide, quicklime, slaked lime**

Translation [ENG]: **calcium oxide**

Application: **Calcium oxide can be used for the production of calcium carbide, soda ash, bleaching powder, used as building materials, refractory, moisture and soil absorbing agent, and calcium fertilizer.**

VARIATIONS

Image	Price	Pack size
	£113,96 gross £92,65 netto	10 kg

Image	Price	Pack size
	£246,81 gross £200,66 netto	25 kg

PRODUCT DESCRIPTION

Calcium oxide (papules) 97.5% AR [1305-78-8]

Calcium oxide can be used for the production of calcium carbide, soda ash, bleaching powder, used as building materials, fire resistance, desiccant and soil, and calcium fertilizer. Can be used as an analytical reagent and flux for producing fluorescent powder.

Boiling point: 2850 ° C (100 mbar)

Density: 3.37 g / cm³ (20 ° C)

Melting point: 2580 ° C

PH value: 12.6 (H₂O, 20 ° C) (saturated solution)

Bulk density: 800 - 1200 kg / m³

Solubility: 1.65 g / l Risk of violent reaction

Hydrochloric acid insoluble substances: ≤ 0.1%

Chloride (Cl): ≤ 500 ppm

Sulphate (SO₄): ≤ 5000 ppm

Heavy metals (as Pb): ≤ 50 ppm

Hazard pictograms

Labeling of hazardous chemicals and mixtures that are part of the Globally Harmonized System of Classification and Labeling of Chemicals (GHS). The pictograms recommended by GHS have the shape of a square set on the top. They should contain a black symbol on a white background with a red border.

Priority rules to be observed in connection with the labeling of a substance:

- the skull and crossbones, the exclamation mark pictogram should not be added.
- corrosive effect, the exclamation mark pictogram should not be added if it concerns eye or skin irritation.
- health hazard determining respiratory sensitization, the exclamation mark pictogram should not be added if it concerns skin sensitization or irritation to eyes or skin.

Source: [GHS pictograms](#)